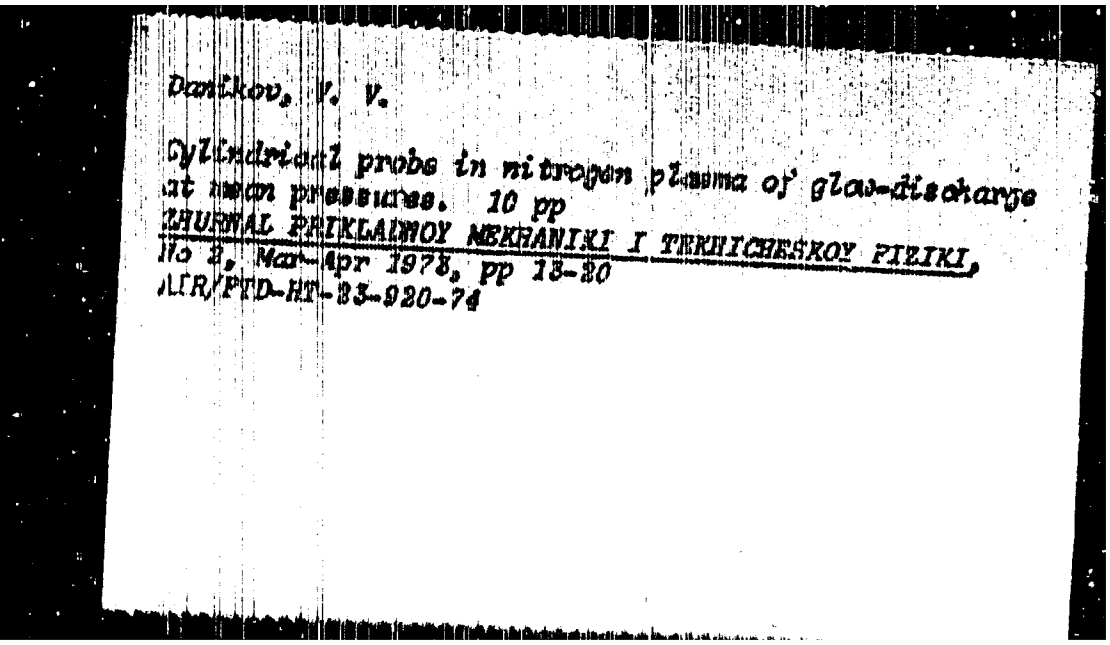
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

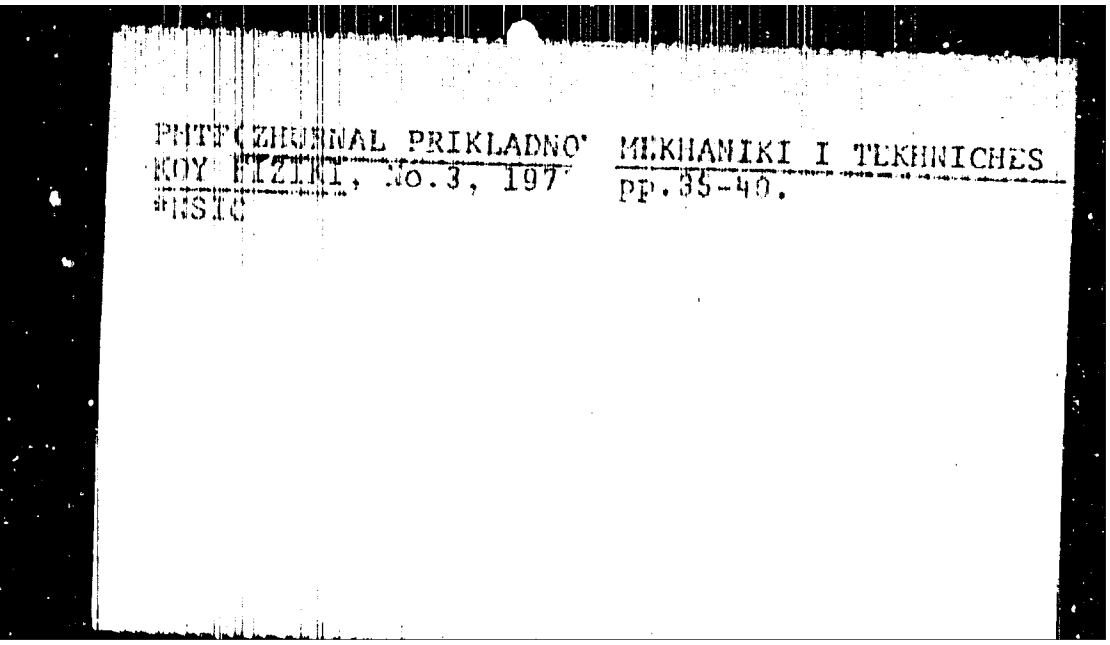


Danilov, V. V.

Cylindrical probe in nitrogen plasma of glow-discharge at near pressures. 10 pp
ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI,
No 2, Mar-Apr 1978, pp 13-20
AIR/FTD-HT-23-920-78

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

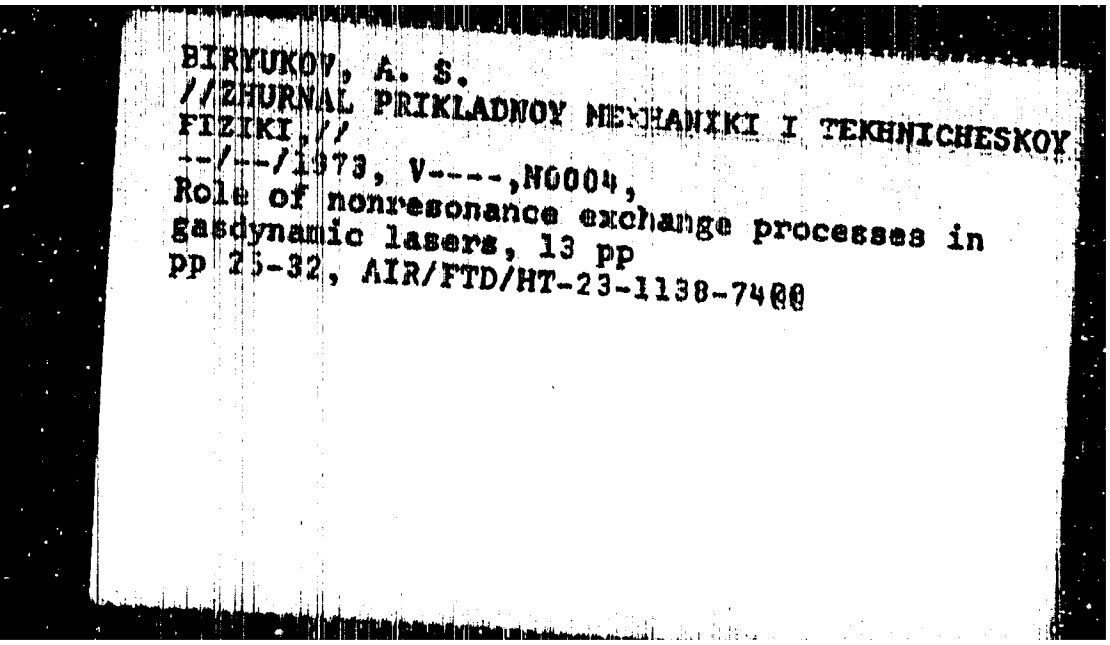
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



PMTF ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHES
KOY FIZIKI, No.3, 197 pp.35-40.
PHSIC

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

THEORY OF FLAME PROPAGATION IN A MIXTURE OF G AS AND DROPS

VAYNSHTEYN, P.. LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLAD. MEKHANIKI I TEKHNICHESKOY FIZI KI, 4/1973, 101-10?

FSTC-HT-23-0024-75

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Belogol'skii, V.A.

The use of salt labels in measuring the dynamics of a fluid by optical means.
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI, No.5, pp.70-74, 1973.
APL/JHU T-2837

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

SPECIAL FEATURES OF THE PROPAGATION OF SPHERI
CAL SHOCK WAVES IN A TWO-PHASE COM

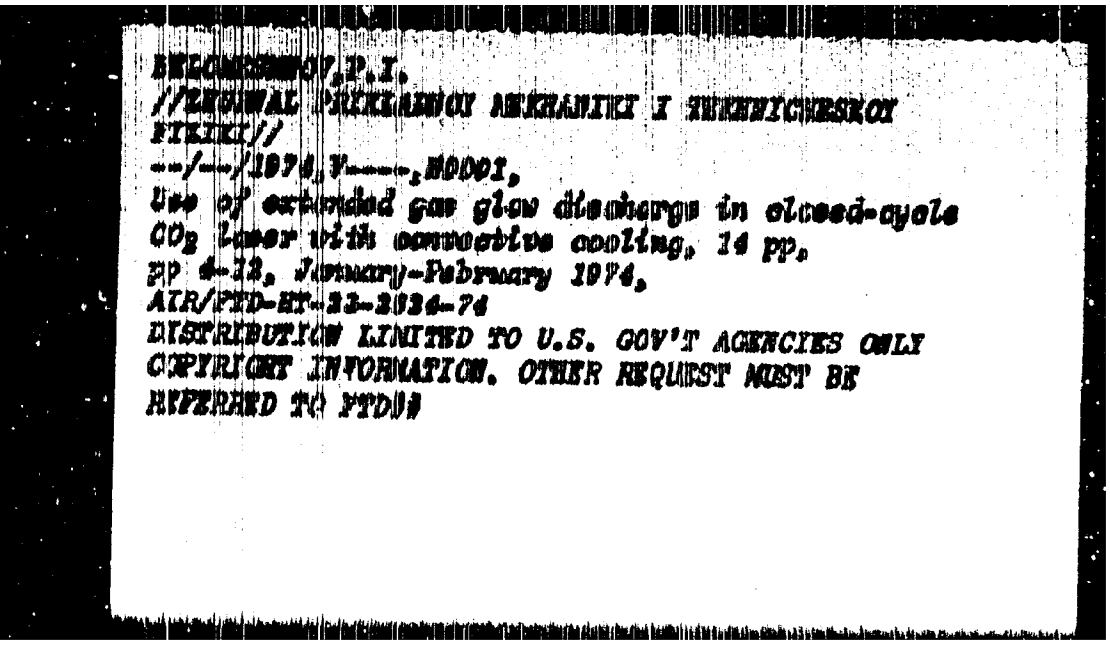
GEL'FAND, B., G LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLAD. MEKHANIKI I TEKHNICHESKOY FIZI
KI, 5/1973, 112-117.

PSTC-HT-23-0025-75

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



[redacted]P.I.
//[redacted]WAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY
FIZIKI//
--/--/1974, V-----, M0001,
Use of extended gas glow discharge in closed-cycle
CO_2 laser with convective cooling, 14 pp,
pp 4-13, January-February 1974,
AIR/FTD-HT-23-2034-74
DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE
REFERRED TO FTDD

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL PRIKLADNOI SPEKTROSKOPII

JOURNAL OF APPLIED SPECTROSCOPY

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1965 ISSUES

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

RUSSIAN

CSO: 8344/1626
11 Mar 74

Solid-state lasers, (book review by A. M. Samson).

Minsk, Zhurnal prikladnoy spektroskopii, Vol 9, No 4, 1968, pp 727-728.

Spec type B
Do not publish
Single spaced draft plus one copy.
T. D.: 18 March 1974.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Kaleeva, Z. P.

The Origin of Luminescence Centers and Electron Capture Levels in self-activated ZnS Crystals
ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 10, 1969,
pp. 819-824
NTC 73-12440-20F

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Certain Features of the Erosion of Materials Exposed to Laser Radiation, by O. I. Putrenko.
ZH PRIK SPEK, Vol 11, 1969, pp 617-622.
NAVY/APL/JHU-T-2705

May 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

NEW TYPE OF DISPERSION FILTER FOR THE INFRARE
D RANGE OF THE SPECTRUM complete 9/75

BORISEVICH, N. LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLADNOY SPEKTROSKOPII, V. 12, ISSUE
1, 1970, PP 168-172

FSTC-HT-23-1831-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

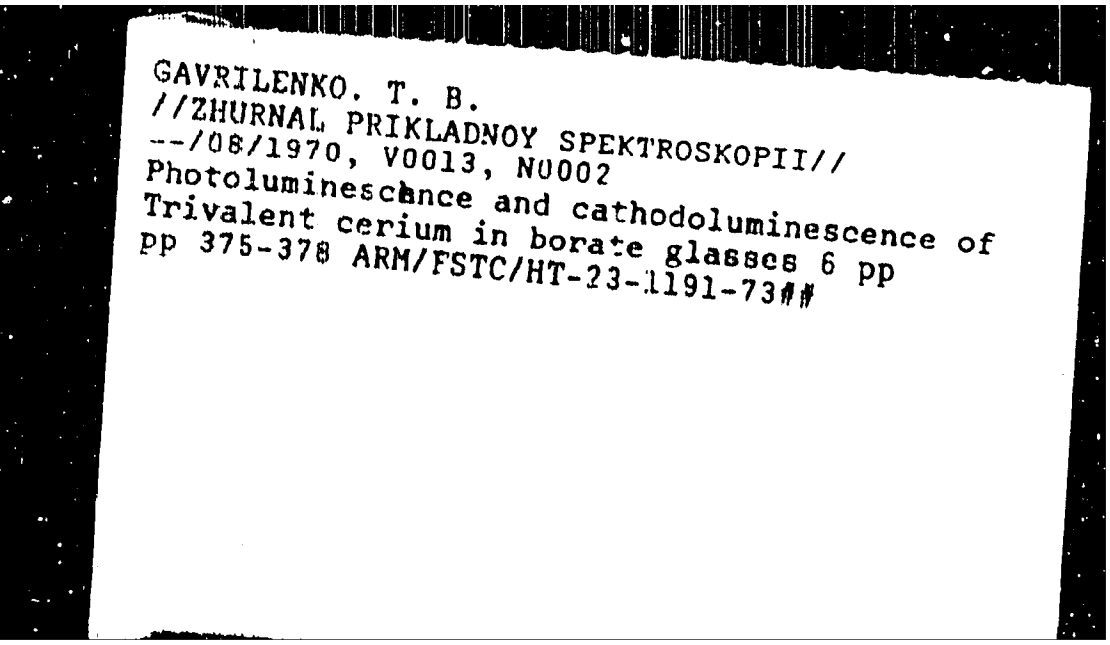
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Koltun, N. M.

The multilayered black mirror.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1970,
pp 350-352, v. 12.
NTC 73-12091-11D
NTIS N72-17536.

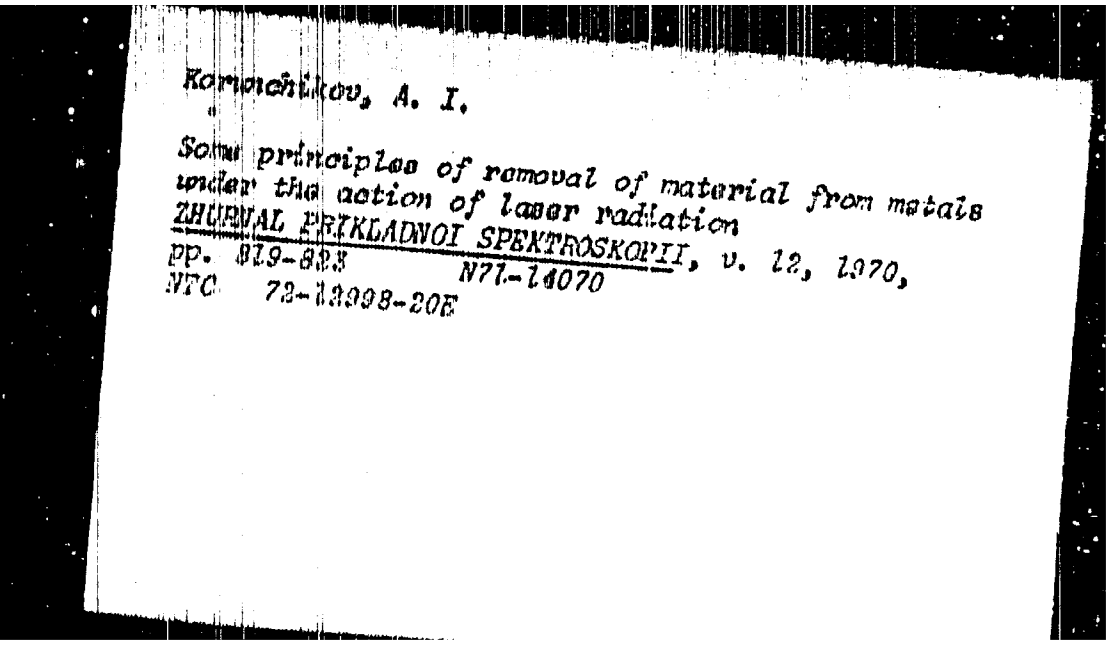
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Romanchikov, A. I.

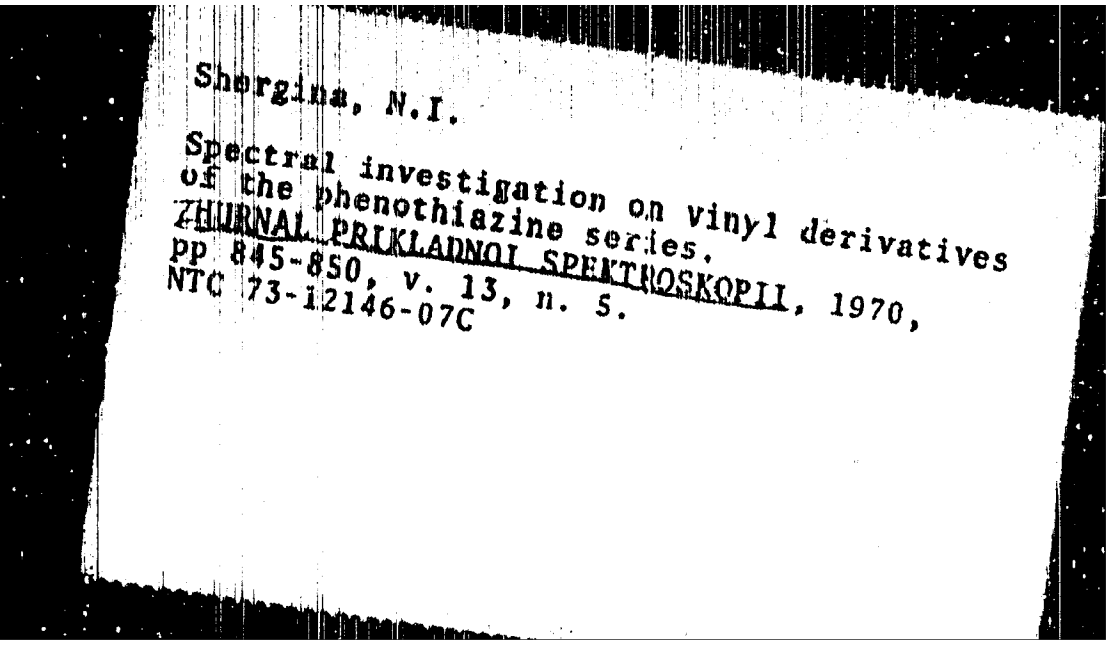
Some principles of removal of material from metals under the action of laser radiation

ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 12, 1970, pp. 819-823 N71-14070

NTC 72-13998-20E

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

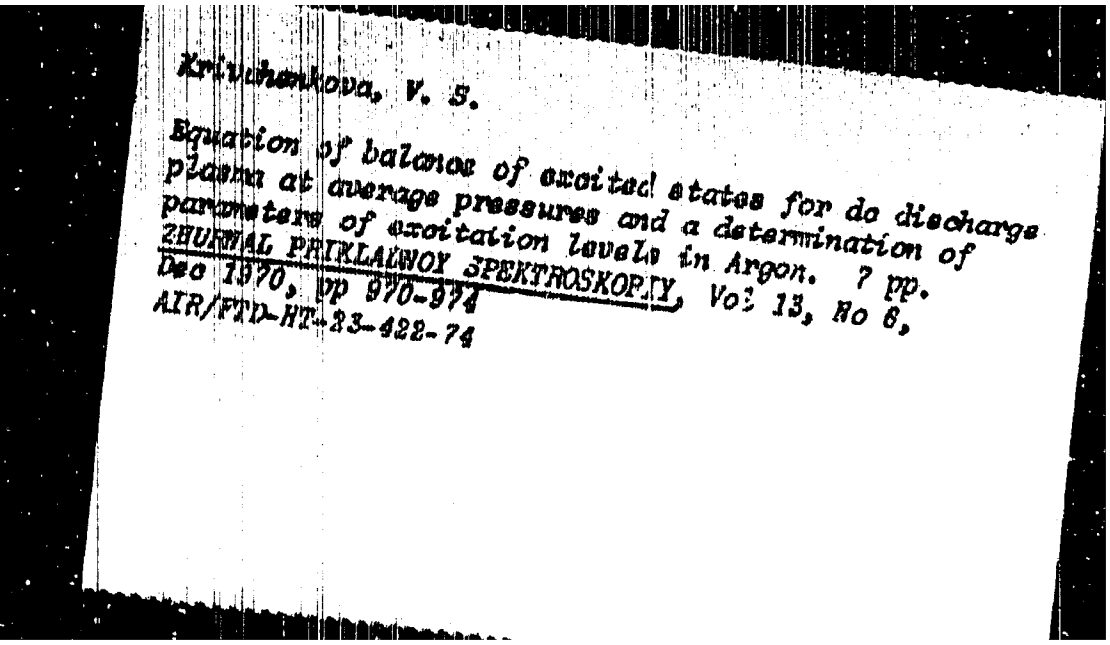


Shergina, N.I.

Spectral investigation on vinyl derivatives of the phenothiazine series.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1970, pp 845-850, v. 13, n. 5.
NTC 73-12146-07C

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

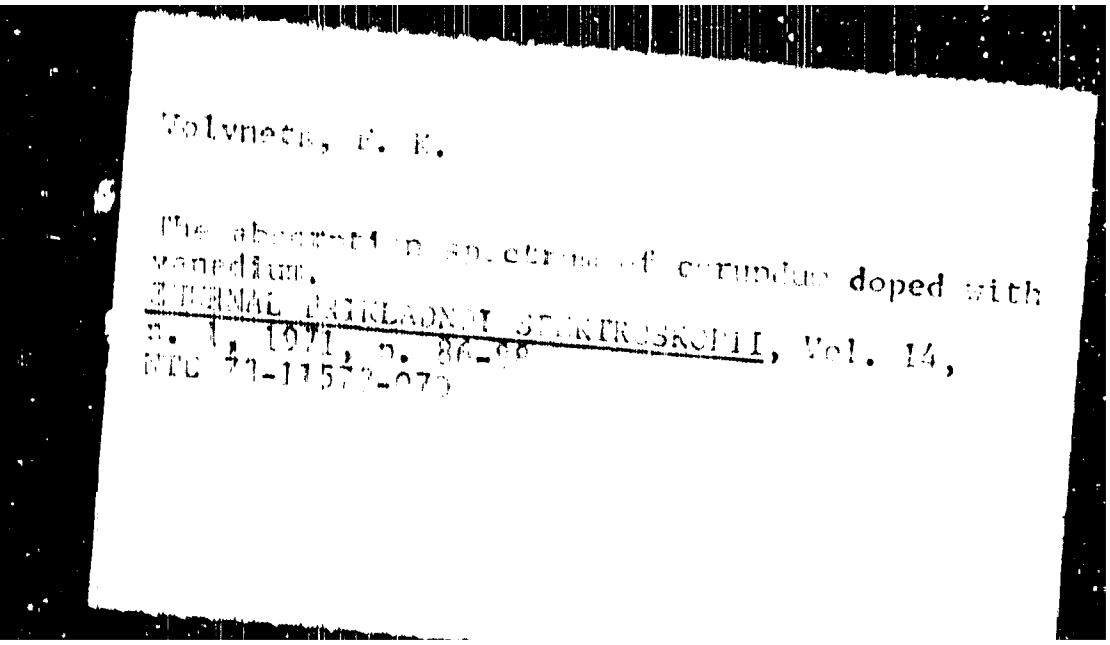


Kriuchenkova, V. S.

Equation of balance of excited states for dc discharge plasma at average pressures and a determination of parameters of excitation levels in Argon. 7 pp.
ZHURNAL PRIKLADNOY SPEKTROSKOPII, Vol 13, No 6, Dec 1970, pp 970-974
AIR/FTD-HT-23-422-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Volynets, F. K.

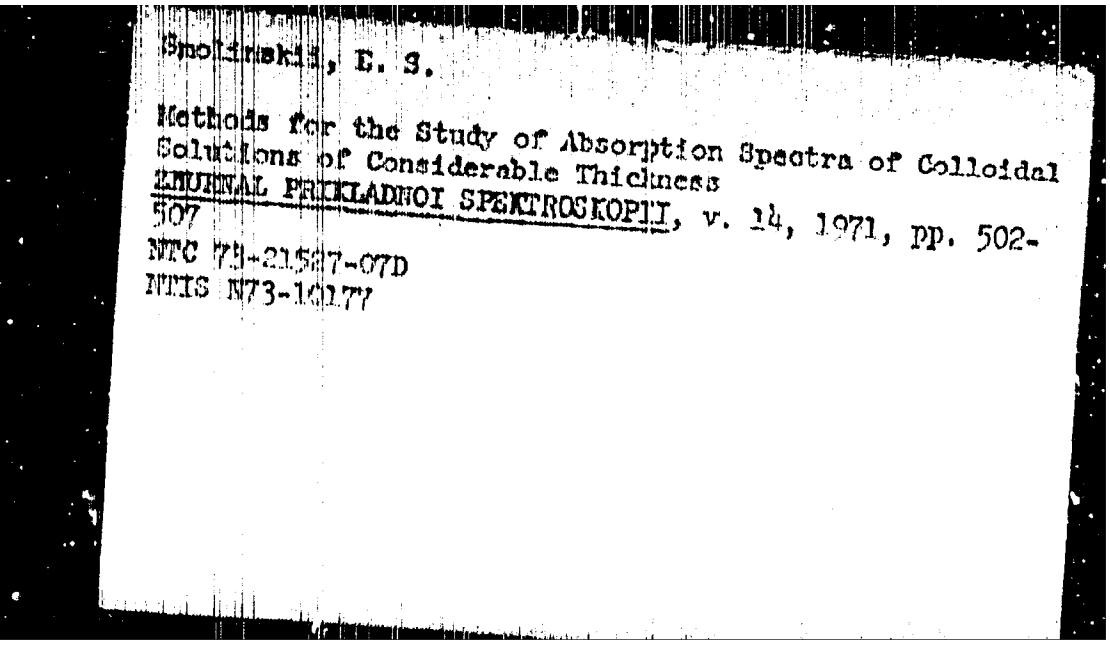
The absorption spectrum of corundum doped with vanadium.

ZHURNAL PRIKLADNOY SPEKTROSKOPII, Vol. 14, No. 1, 1971, p. 86-88

FTD-71-11572-073

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Smolinskii, E. S.

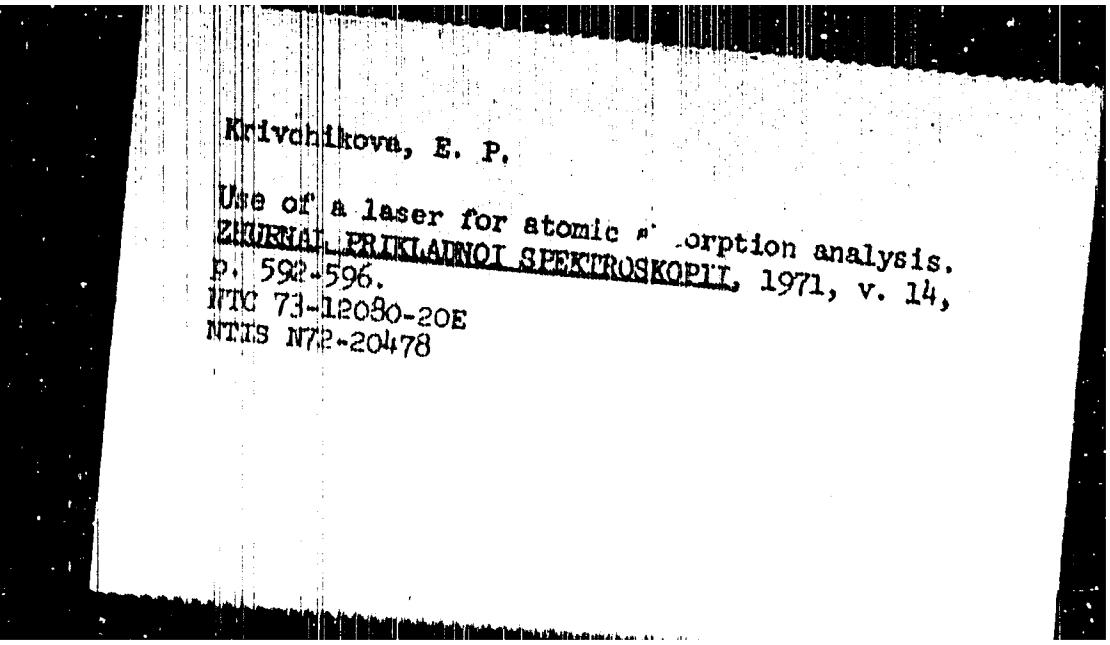
Methods for the Study of Absorption Spectra of Colloidal Solutions of Considerable Thickness

ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 14, 1971, pp. 502-507

NTC 73-21527-07D
NTIS N73-10177

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

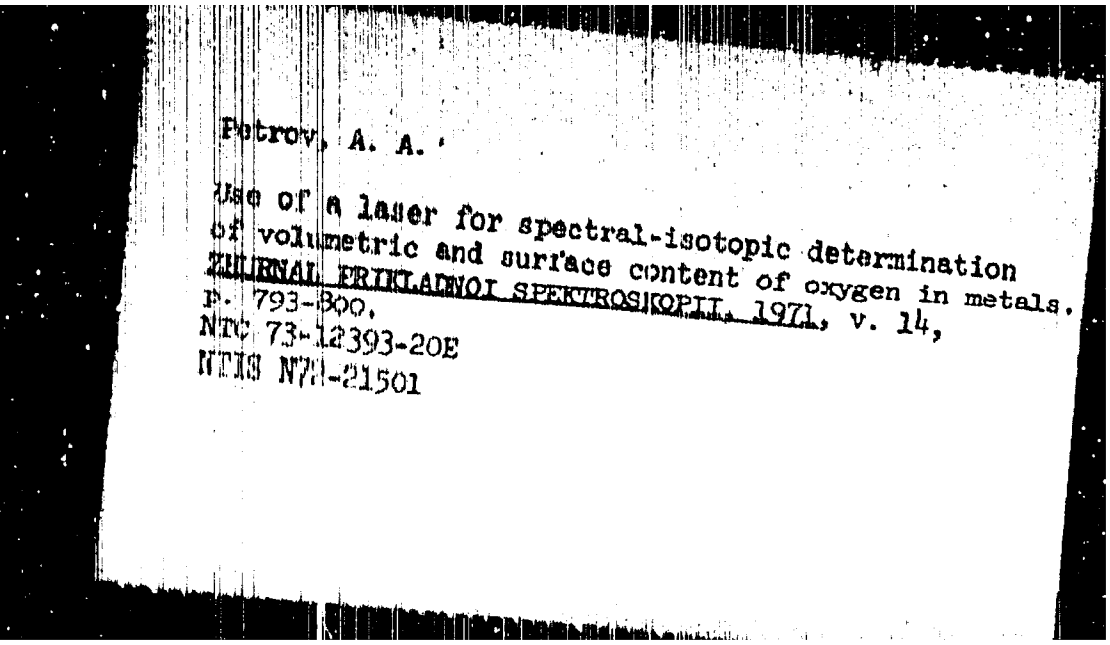


Krivchikova, E. P.

Use of a laser for atomic absorption analysis.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1971, v. 14,
p. 592-596.
NTIC 73-12080-20E
NTIS N72-20478

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Petrov, A. A.

Use of a laser for spectral-isotopic determination of volumetric and surface content of oxygen in metals. ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1971, v. 14, p. 793-800.
NTC 73-12393-20E
NTIS N71-21501

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Elyashevich, M. A.

Study of the Physical State of Breakdown Products by Laser Action on Condensed Media

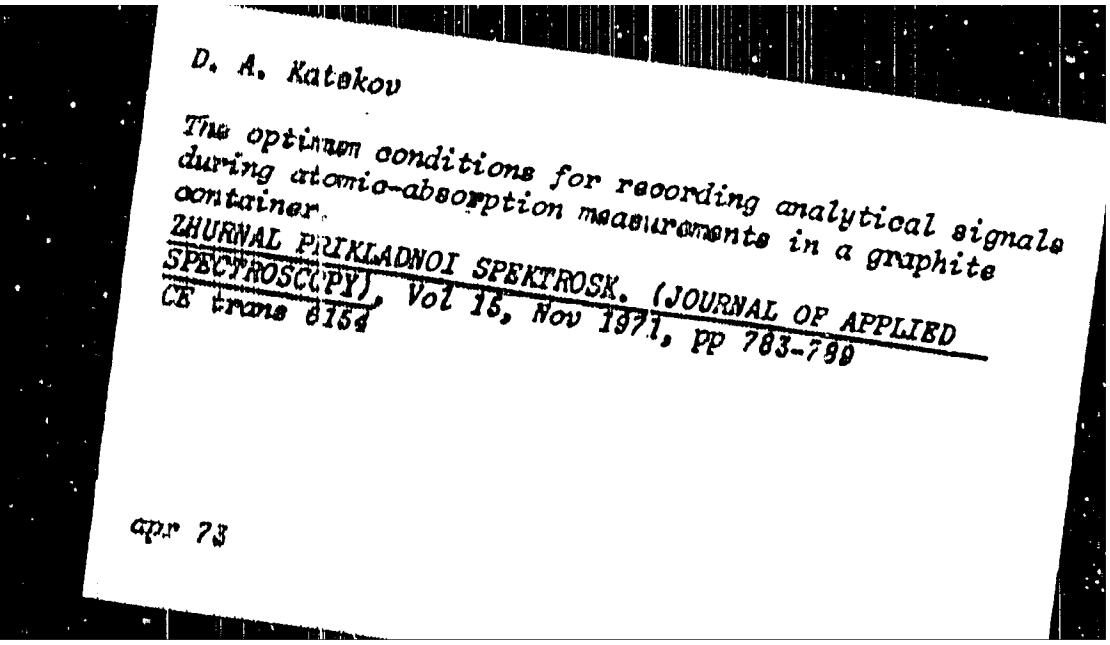
ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 15, n. 2, 1971, pp. 200-214

NTC 73-21565-20E

NTIS N72-32520

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



D. A. Katskov

The optimum conditions for recording analytical signals during atomic-absorption measurements in a graphite container.

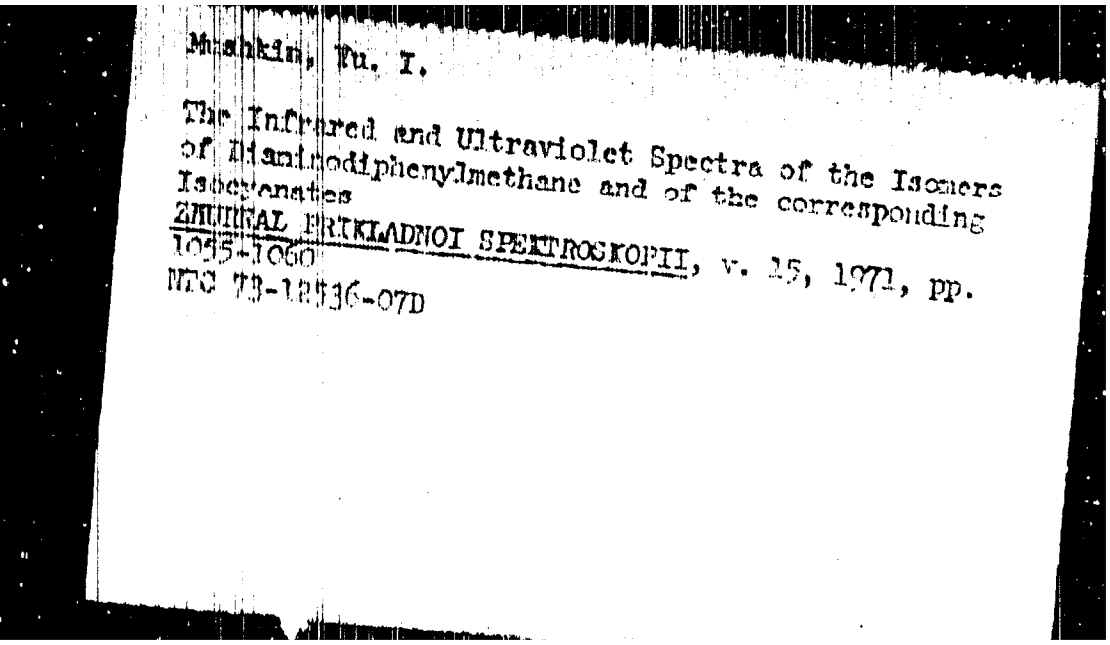
ZHURNAL PRIKLADNOI SPEKTROSK. (JOURNAL OF APPLIED SPECTROSCOPY), Vol 15, Nov 1971, pp 783-789

CS trans 6154

apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Mnatkin, Yu. I.

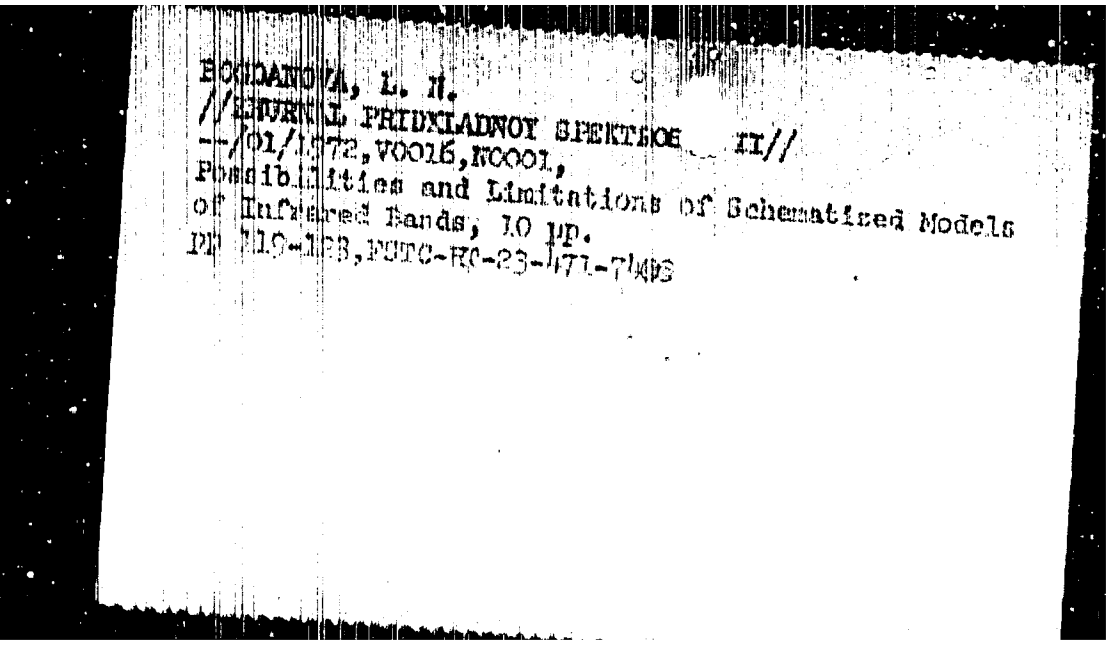
The Infrared and Ultraviolet Spectra of the Isomers of Diaminodiphenylmethane and of the corresponding Isocyanates

ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 15, 1971, pp. 1055-1060

NTC 73-12536-07D

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

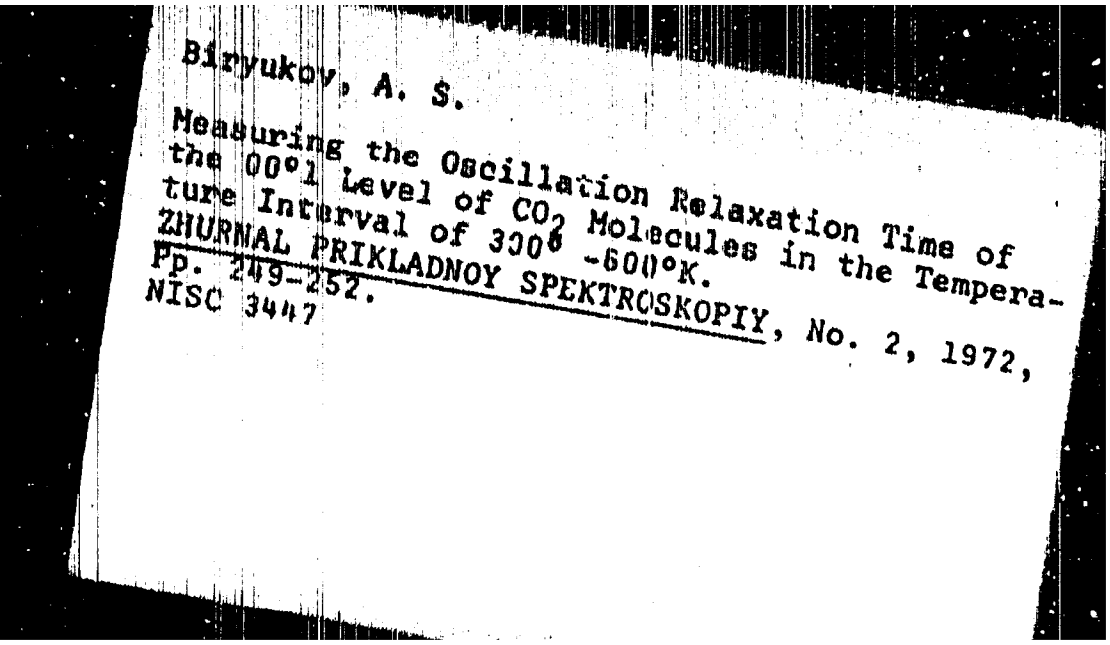
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



BOGDANOVA, L. N.
//ZHURN. L. PRIKLADNOY SPEKTROSK. II//
-/01/1972,V0016,N0001,
Possibilities and Limitations of Schematized Models
of Infrared Bands, 10 pp.
PP 110-113,PUBC-RC-23-171-7405

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Biryukov, A. S.

Measuring the Oscillation Relaxation Time of the 0001 Level of CO_2 Molecules in the Temperature Interval of 300 -600°K.

ZHURNAL PRIKLADNOY SPEKTROSKOPIY, No. 2, 1972, Pp. 249-252.

NISC 3447

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Uncl (LA-tr--73-48) 11-Jan-74
pulsed tubular lamps by active element luminescence.
DEMENIK, I.V.; KOZLOV, N.A.; MNUSKIN, V.E.; OSADCHENKO, V.G. Translated by Anna Vaker from Zh. Prikl. Spektrosk.; 16: No. 3, 462-466(1972). 9p. Dep. NTIS $3.00.

09 electronics and electrical engineering; 14 methods and equipment; 20 physics; translations
MN-38 P NSA

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

TRISHIN. G. V.
//ZHURNAL PRIKLADNOY SPEKTROSKOPII//
--/--/1972, V0017, N0003
Principles of formation of atomic vapor in a thermionic cathode 9 pp
pp ARM/FSTC/HT-23-399-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Picatinny Arsenal
Req. 75-20 h

9244/2558
18 Nov 74

Title (Russian)

Author: Meluikov, V.V., et al.

Source: Zh. Prikl. Spect. Vol. 18, pp. 87-93 (1973).

Language: Russian

Please translate & type 1 copy only. Translate all captions & keys. Cut & Paste where necessary. Paginate

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

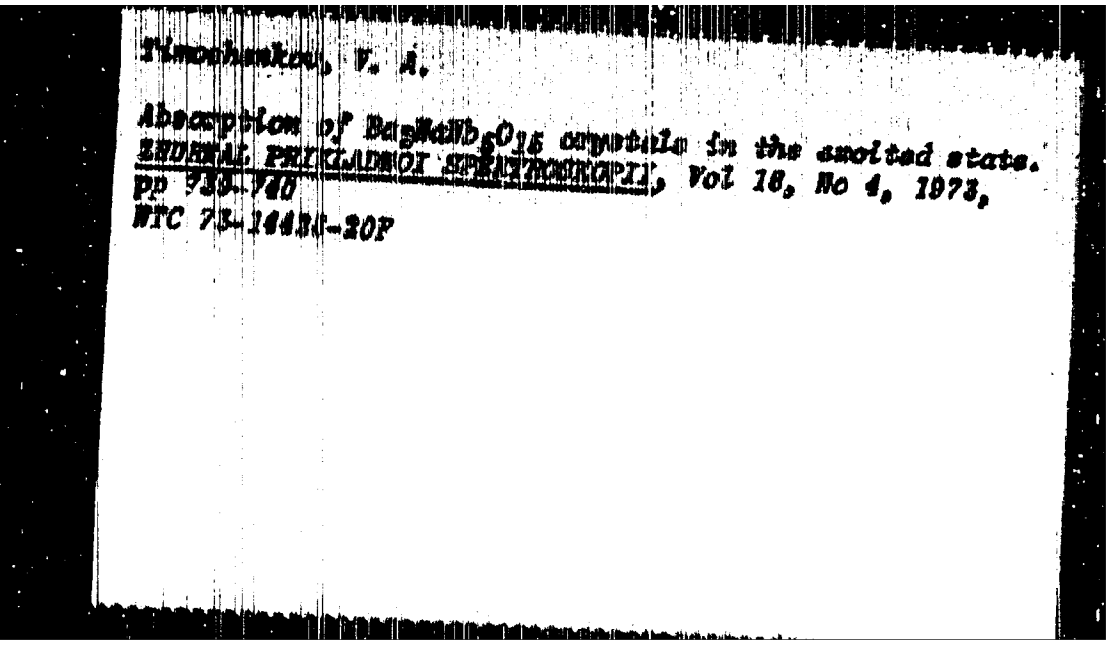
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Kovtonyuk, N. F.

Image Convertor Based on Multi-Layer Semiconductor-Dielectric Structures.
8 pp
ZHURNAL PRIKLADNOY SPEKTROSKOPII, Minsk, Vol 18, No 1, Jan 1973, pp [illegible]-132.
JPRS 59636

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

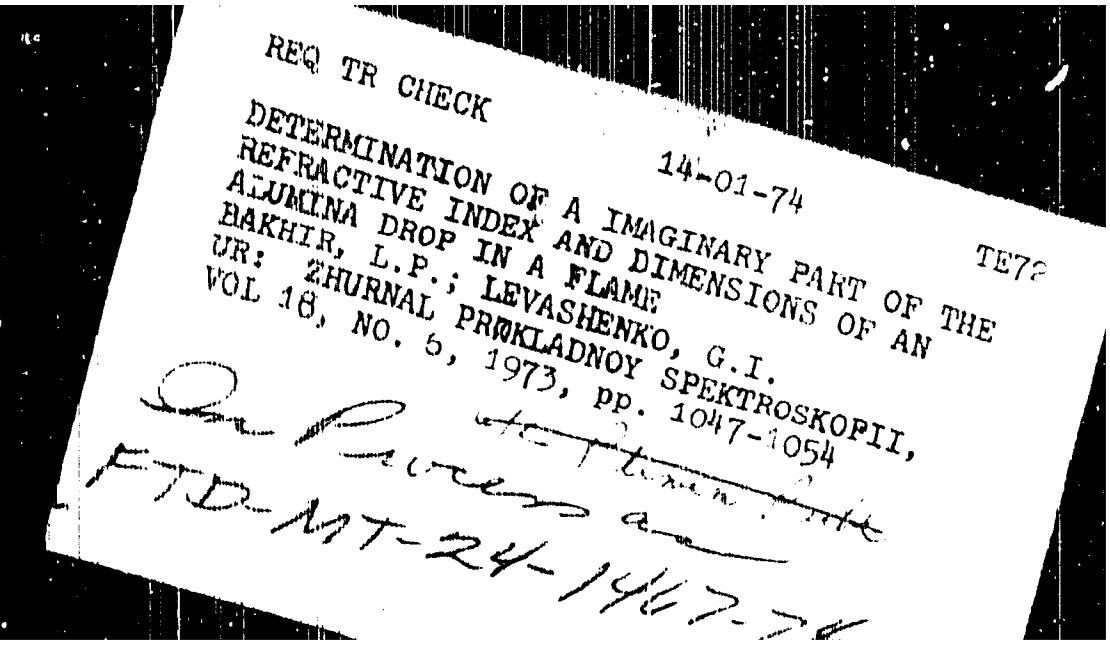


Timoshenko, V. A.

Absorption of $BaMnNb_6O_{15}$ crystals in the annealed state.
ZHURNAL PRIKLADNOY SPEKTROSKOPII, Vol 18, No 4, 1973,
pp 735-736
NTC 73-14430-20P

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



REQ TR CHECK 14-01-74 TE78

DETERMINATION OF A IMAGINARY PART OF THE REFRACTIVE INDEX AND DIMENSIONS OF AN ALUMINA DROP IN A FLAME

BAKHIR, L.P.; LEVASHENKO, G.I.

UR: ZHURNAL PRIKLADNOY SPEKTROSKOPII, VOL 18, NO. 6, 1973, PP. 1047-1054

FTD-MT-24-1427-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Zhukovskiy, N. Ye.

Determination of Liquid Motion during any Conditions found on a Line of Current

ZHURNAL RUSSKAGO FIZIKO-CHIMICHESKAGO OBSHCHESTVA, vol. 23, no. 2, Section one, 1891, pp. 89-100

NASA TT F-15,207

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Picatinny Arsenal
Eng. 73-93 e

9244/0254
16 Apr. 73

By Orelkin, et al
~~xx xxxxx~~, V.G.Khlopina, I.I.Chernyaev

Zh. Russ. Fiz. Khim. Obsch.
(Journal Russian Phys. Chem. Soc.) Vol. 49,
pp. 82-87) 1917.

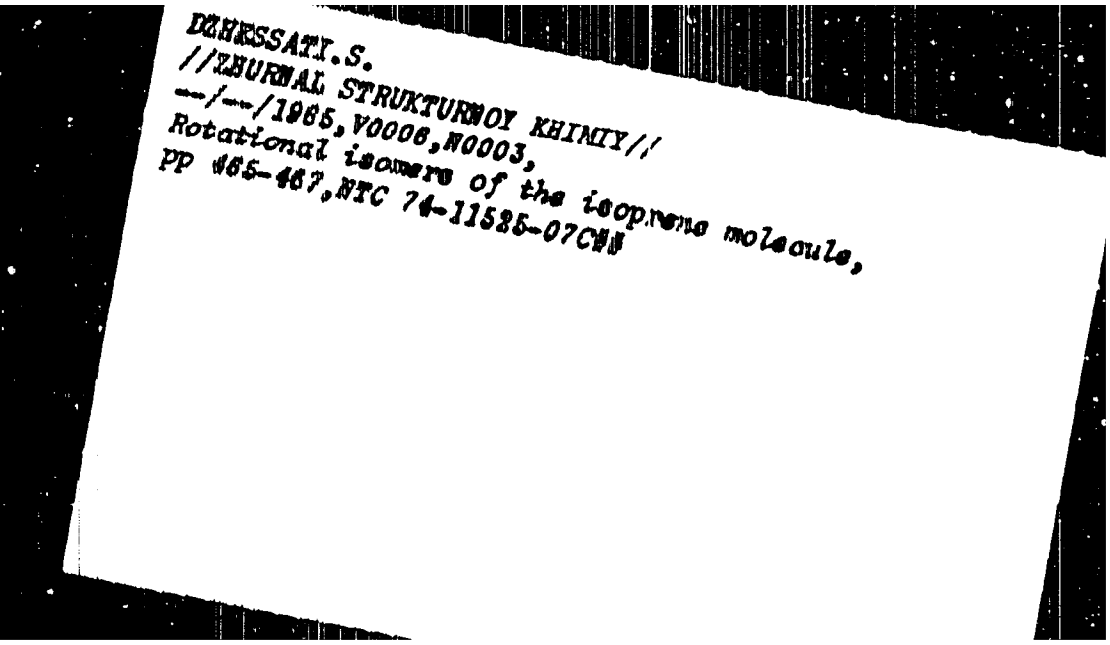
Language: Russian

Please translate & type 1 copy only. Type single space

Title: Preparations of Hydrazine Sulfate and Sodium Azide

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Zhurnal Strukturnoy Khimiy, Vol 13, No 4, July-August, 1972.

Cover-to-Cover by Consultants Bureau

Available at Ly Serials

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL STRUKTURNOI KHIMII, Vol 13, No 5, Sept-Oct 1972,

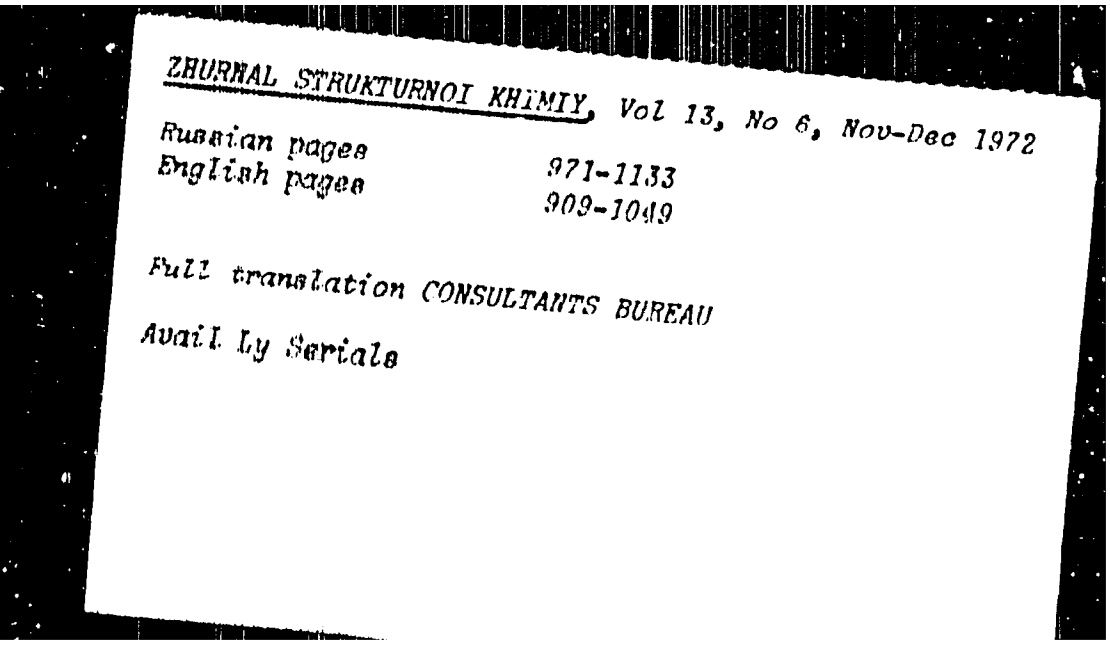
Russian pages 763-967
English pages 717-907

Full translation CONSULTANTS BUREAU

Avail by Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



ZHURNAL STRUKTURNOI KHIMIY, Vol 13, No 6, Nov-Dec 1972

Russian pages 971-1133
English pages 909-1049

Full translation CONSULTANTS BUREAU

Avail Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

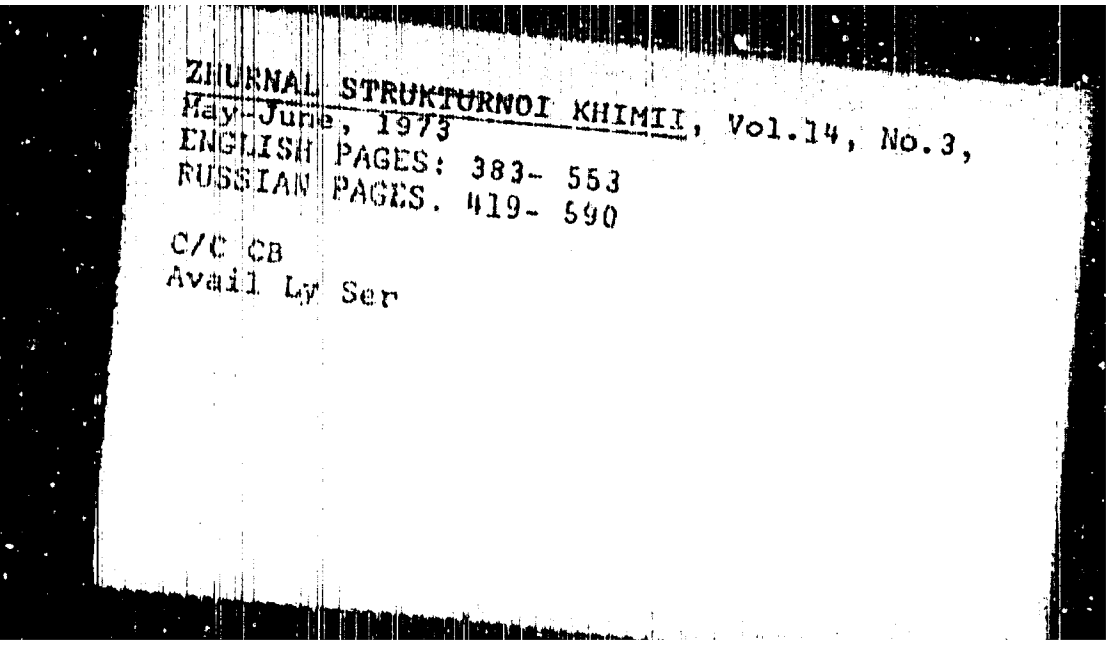
ZHURNAL STRUKTURNOI KHIMII, Vol.14, No.2, Mar.
Apr., 1973.
ENGLISH PAGES: 193-355
RUSSIAN PAGES: 211-389

Consultants Bureau

Avail Ly

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

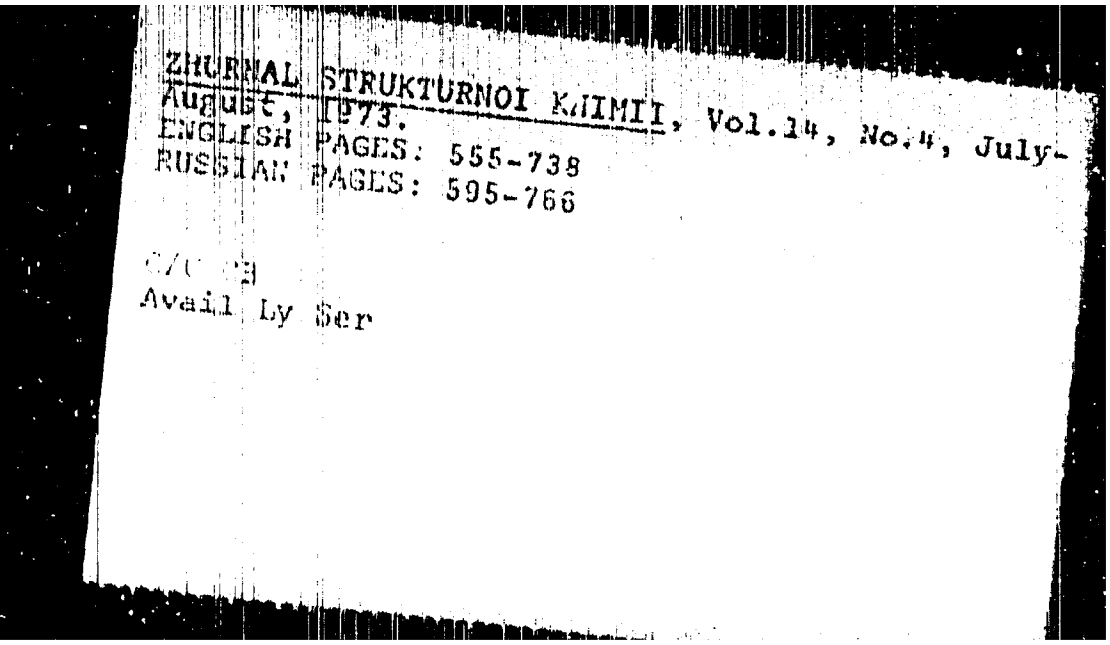


ZHURNAL STRUKTURNOI KHIMII, Vol.14, No.3,
May-June, 1973
ENGLISH PAGES: 383- 553
RUSSIAN PAGES. 419- 590

C/C CB
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

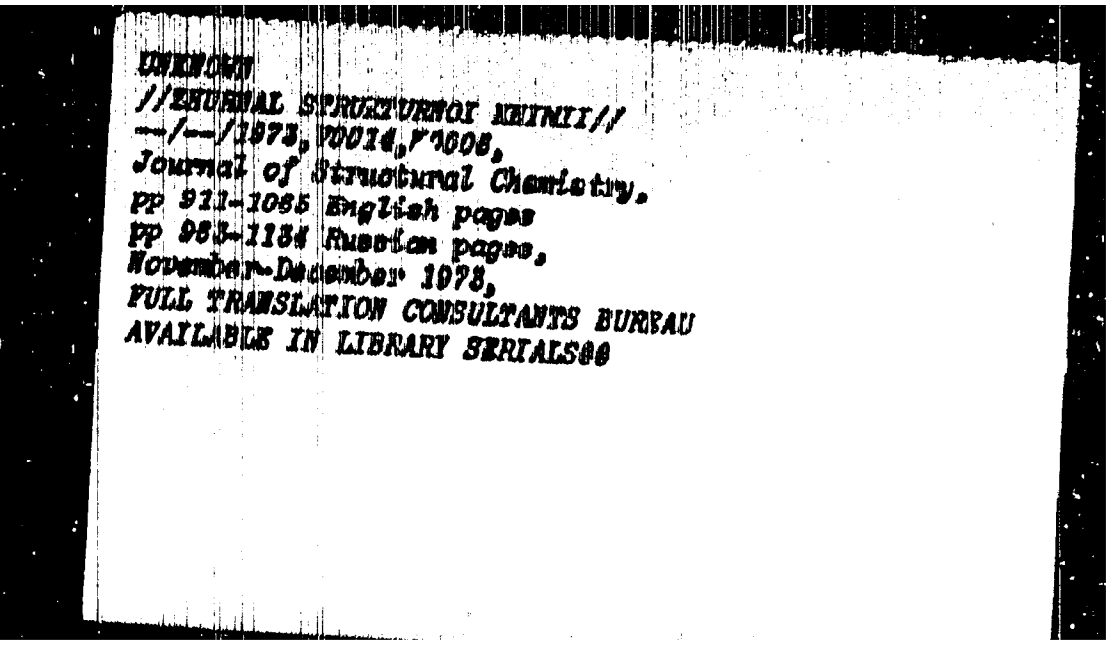


ZHURNAL STRUKTURNOI KHIMII, Vol.14, No.4, July-August, 1973.
ENGLISH PAGES: 555-738
RUSSIAN PAGES: 595-766

C/[illegible]
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

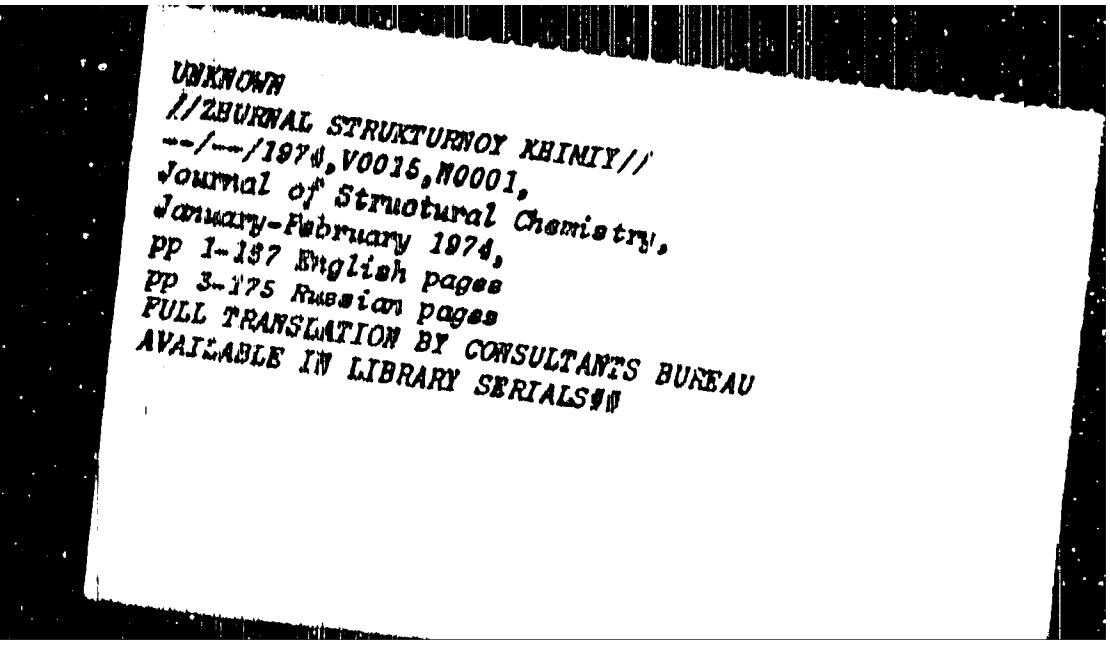
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



UNKNOWN
//ZHURNAL STRUKTURNOI KHIMII//
--/--/1973, V0014, P0005,
Journal of Structural Chemistry,
pp 911-1085 English pages
pp 983-1154 Russian pages,
November-December 1973,
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

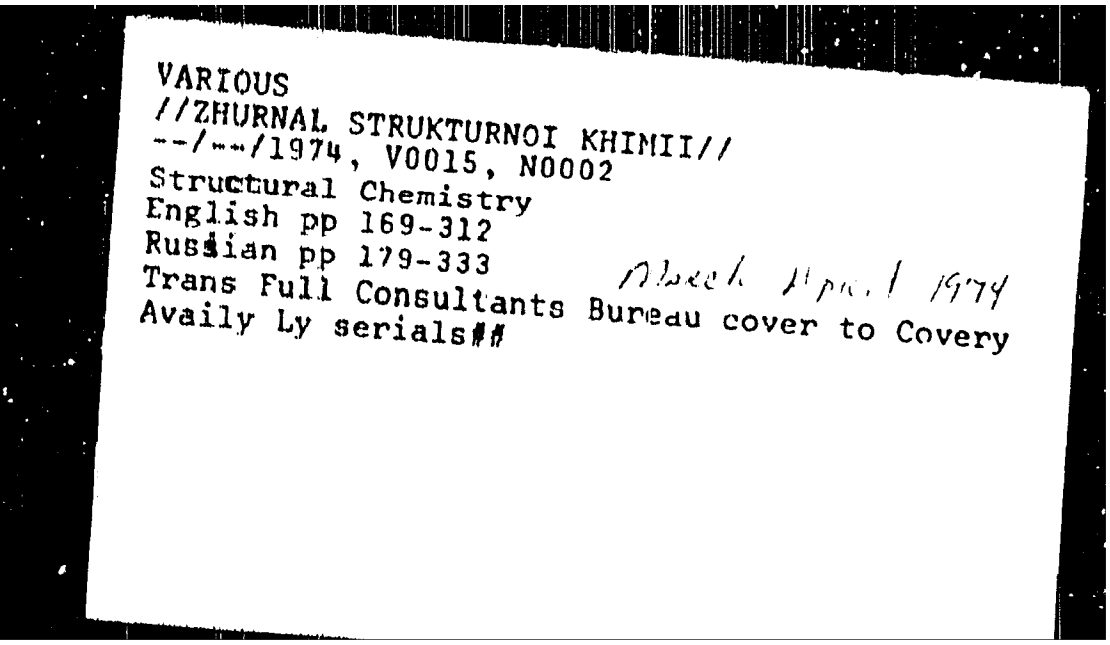
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



UNKNOWN
//ZHURNAL STRUKTURNOY KHIMIY//
--/---/1974,V0015,N0001,
Journal of Structural Chemistry,
January-February 1974,
pp 1-187 English pages
pp 3-175 Russian pages
FULL TRANSLATION BY CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS//

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

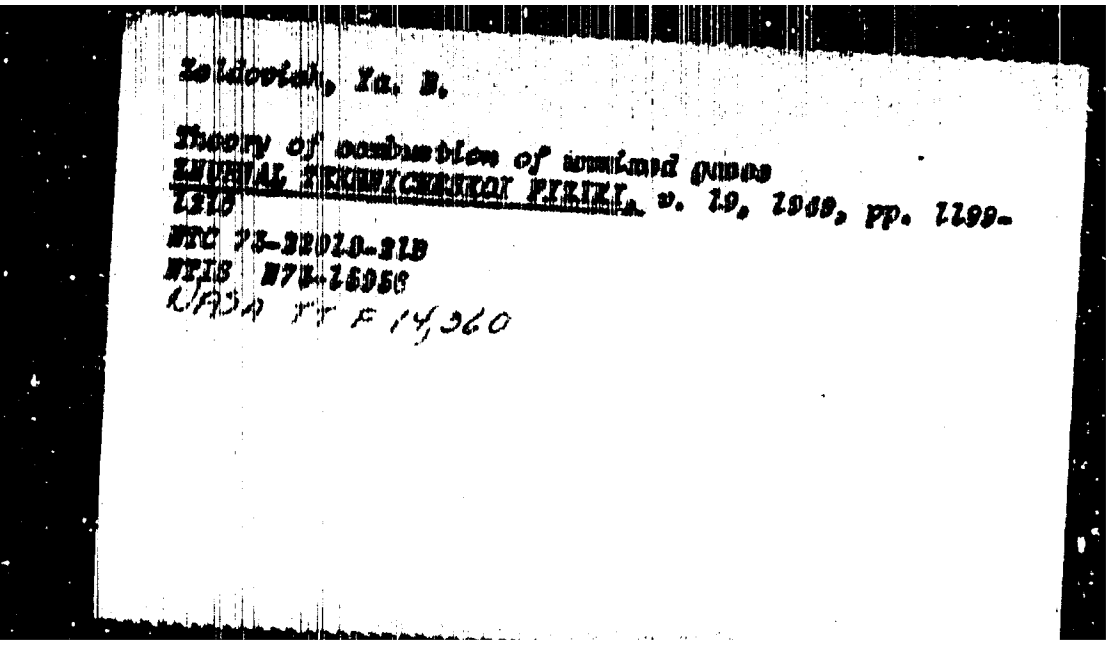
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Butayeva, F. A.

The influence of discharge parameters on the intensity of the 1850 A and 2537 A mercury resonance lines. 14 pp.
ZHURNAL TEKHNICHESKOY FIZIKI, Vol. 18, No. 9, 5 May 1948, pp 1127-1135
AIR/FTD-HT-23-353-73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Zeldovich, Ya. B.

Theory of combustion of unmixed gases
ZHURNAL TEKHNICHESKOI FIZIKI, v. 19, 1949, pp. 1199-
1210
NYC-T3-22020-21D
NYIS NYL-26958
AFSA FT F 14,360

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Agency: Air Force Aerospace Research Labs.
MIPR: FY 89947500066 Call Letter FY 75 - 05 9/94/234

Author: CHECHULIN, B.B

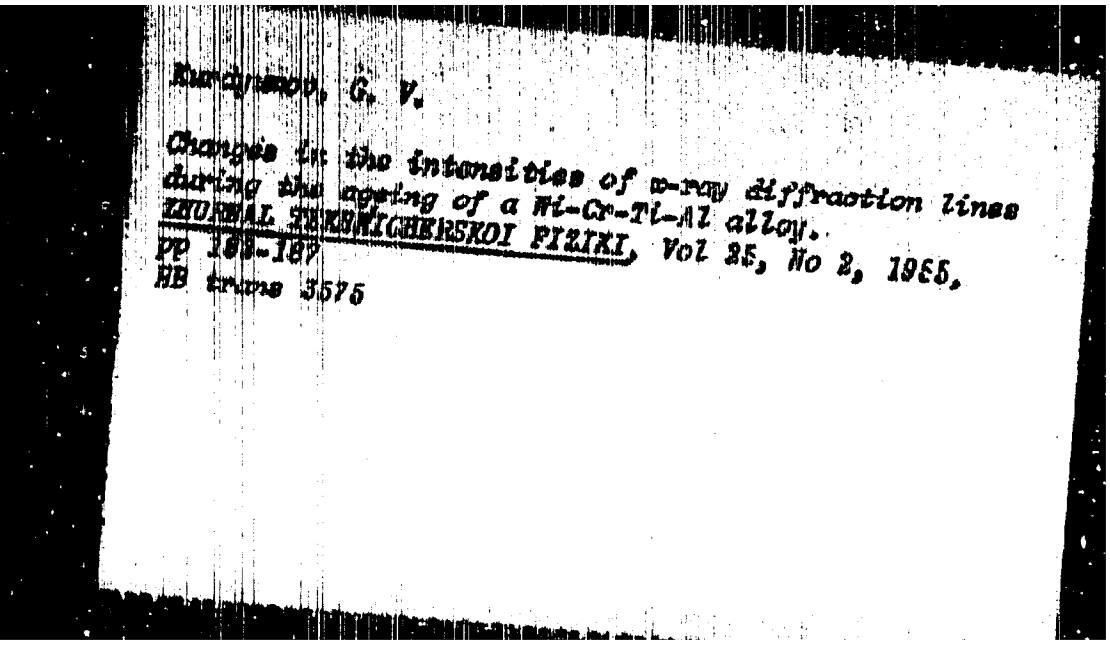
Source: ZHURNAL TEKHNICHESKOI FIZ. 24, #6, 1101-1110
1954.

Special Instructions: Translate and type one copy.
RUSSIAN - ENGLISH.

TITLE: VLIYANIYE PRIMESEY OBRAZTSOV NA MEKHANICHESKIYE KHARAKTERISTIKI PRI CHASTICHNOM OBZHATII

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Kurdyumov, G. V.

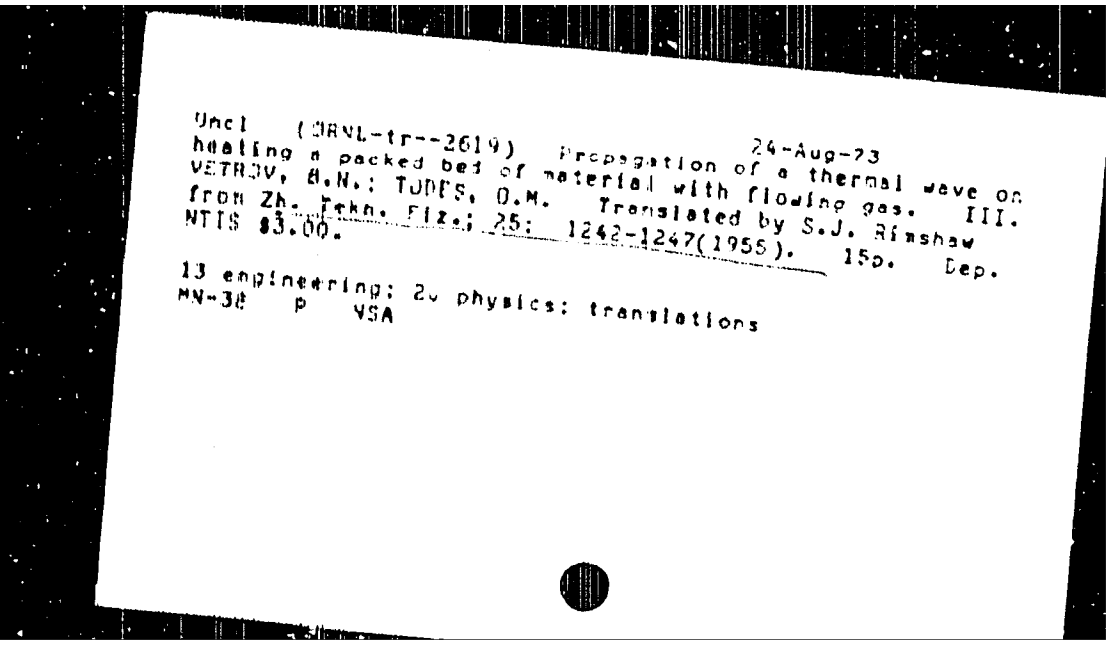
Changes in the intensities of x-ray diffraction lines during the ageing of a Ni-Cr-Ti-Al alloy.

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 25, No 2, 1955, pp 183-187

HB trans 3575

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Uncl (ORNL-tr--2619) 24-Aug-23
Propagation of a thermal wave on heating a packed bed of material with flowing gas. III.
VETROV, B.N.; TODES, O.M. Translated by S.J. Rimshaw from Zh. Tekh. Fiz.; 25: 1242-1247(1955). 15p. Dep. NTIS $3.00.

13 engineering; 2v physics; translations
MN-38 p USA

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Kolomiets, B.T.

Properties and Structure of Ternary Semiconductor Systems. Partl. Electrical Properties and Structure of Some Materials in the System.
Zl. TEKH. FIZ., Vol.25, No.6, pp.984-94, 1955.
A.T.S RJ-4733

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Petrov, B.N. & Todes, O.M.

Propagation of a Thermal Wave on Heating a Packed Bed of Material with Flowing Gas, III

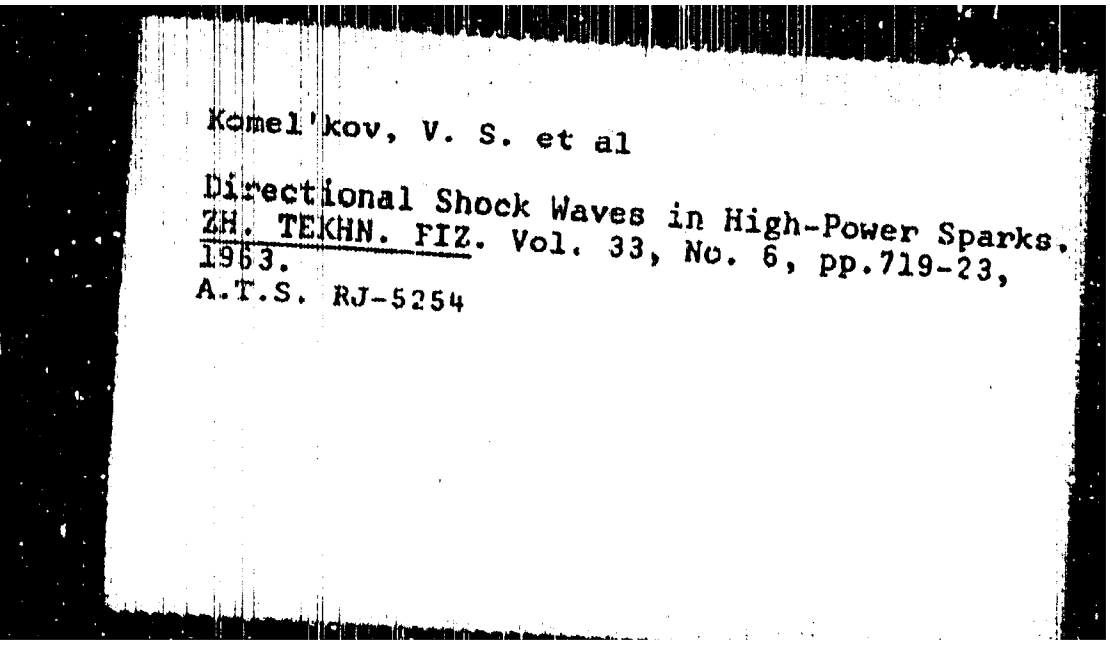
ZHUR. TECH. PHYS. Vol 25: 1955, pp 1242-1247

AEC/ORNL tr-2619-72

July 1973

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Komel'kov, V. S. et al

Directional Shock Waves in High-Power Sparks.
ZH. TEKHN. FIZ. Vol. 33, No. 6, pp.719-23,
1963.
A.T.S. RJ-5254

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Zhurnal Tekhnicheskoy Fiziki, Vol 42, No 9, Sept 1972.

Cover-to-Cover by The American Institute of Physics
Vol 17, No 9, March 1973.

Available at Ly Serials

Apr 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI,

RUSSIAN Vol 42, No 10, 1972, pp 2001-2248
ENGLISH Vol 17, No 10, 1972, pp 1607-1766

COVER TO COVER AMERICAN INSTITUTE OF PHYSICS

Avail by SErials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 42, No 11, 1972,
Russian pages pp 2249-2248
English pages pp 1767-1907

Full translation Amer. Inst. of Physics

avail LY INFO

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

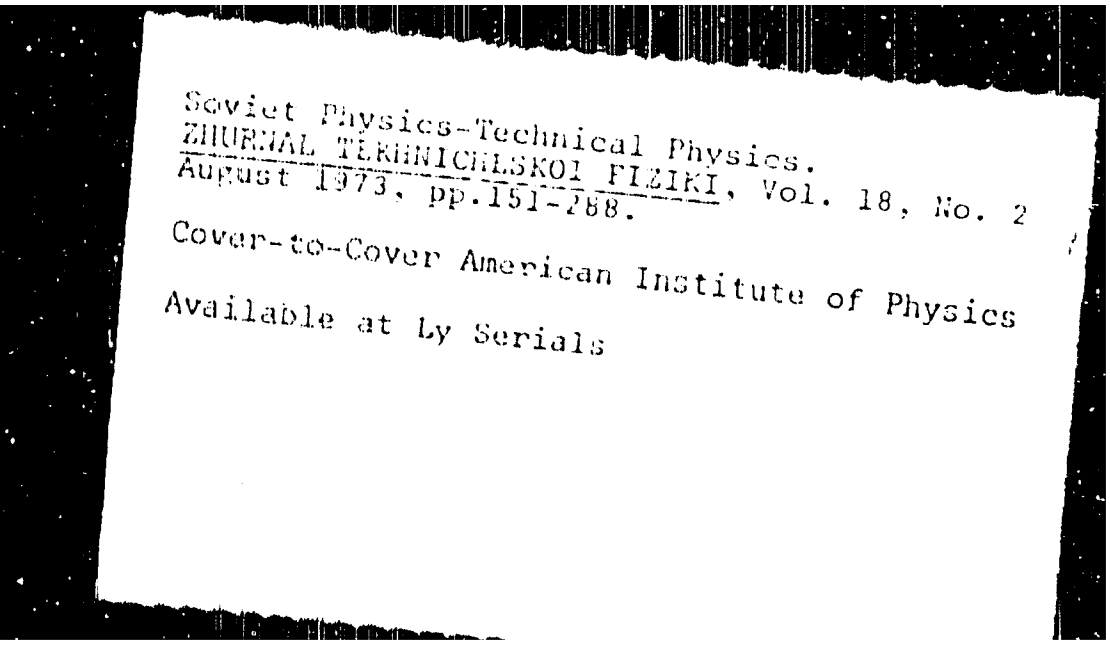
ZHURNAL TEKHNICHESKOI FIZIKI,
RUSSIAN Vol. 43, No 1, Jan 1973, pp 1-224
English Vol 18, No 1, July 1973, pp 1-150

FULL TRANSLATION AMERICAN INSTITUTE OF PHYSICS

Avail L
Avail Lyy Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Soviet Physics-Technical Physics.
ZHURNAL TEKHNICHESKOI FIZIKI, Vol. 18, No. 2
August 1973, pp.151-288.

Cover-to-Cover American Institute of Physics

Available at Ly Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI, Vol. 18, No. 3,
Sept. 1973.
ENGLISH PAGES: 289-432
RUSSIAN PAGES: 449-584

C/C American Institute of Physics

Available at by Serials

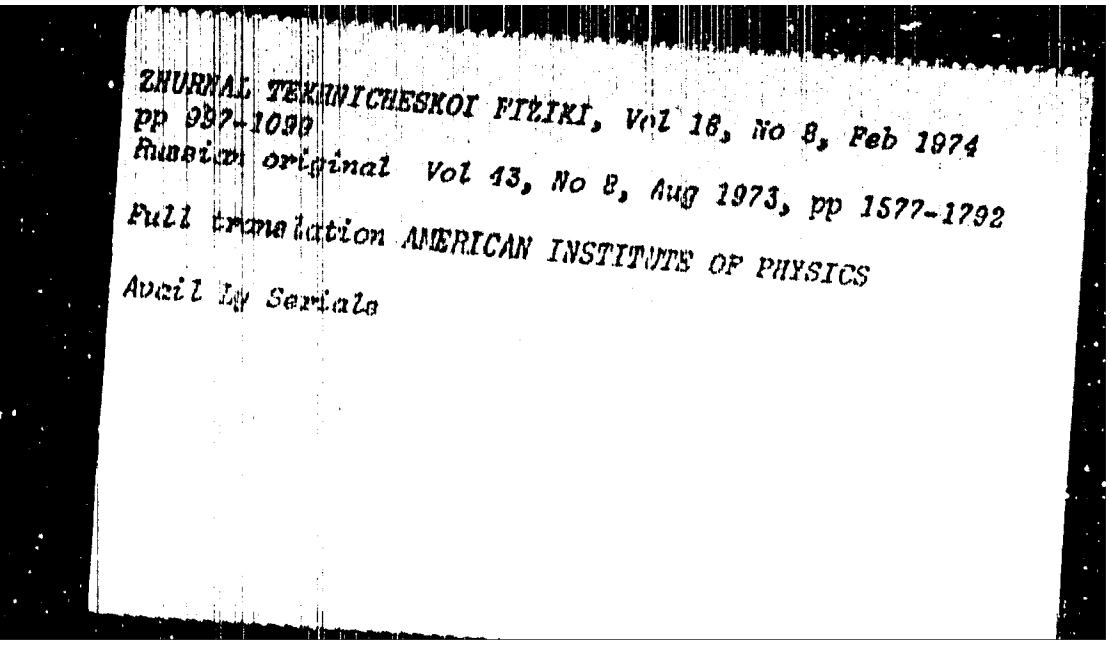
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI, Vol. 18, No. 4,
October, 1973.
ENGLISH PAGES: 435-570
RUSSIAN PAGES: 689-893

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



ZHURNAL TEKHNICHESKOI FIZIKI, Vol 16, No 8, Feb 1974
pp 987-1090
Russian original Vol 43, No 8, Aug 1973, pp 1577-1792
Full translation AMERICAN INSTITUTE OF PHYSICS
Available Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI , Vol. 40, No. 12,
December 1970.
pp 2440-2629 Russian pages
[redacted]
pp 1911-2080 English pages

cover-to-cover translation by American Institute of
Physics
Vol 27, No 12, June 1973

available at Lv Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Volikhov, Ye. P.

Feasibility of Generating Megagauss Magnetic Fields Using High-Pressure Compressed Gas Linings, 15 pp.
ZHURNAL TEKHNICHESKOY FIZIKI, Leningrad, Vol 43, No 2, 1973, pp 429-438.
JPRS 59459

Jul 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZH. TEKH. FIZ., Vol. 43, No.5, May 1973
ENGLISH PAGES: 571- 708
RUSSIAN PAGES: 912-1106

C/C American Institute Physics
Avail Ly Ser

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 18, No 6, Dec. 1973
Russian original Vol 43, No 6, June 1973, pp 1113-1338

ENGLISH PAGES pp 711-846

Full translation AMERICAN INSTITUTE OF PHYSICS

Avail by Info

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

ZHURNAL TEKHNICHESKCI FIZIKI, Vol 43, No 7, July 1973
pp 1389-1577

ENGLISH Vol 18,No 7, Jan 1974, pp 847-995

Full translation AMERICAN INSTITUTE OF PHYSICS

Avail in Lg Serials

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

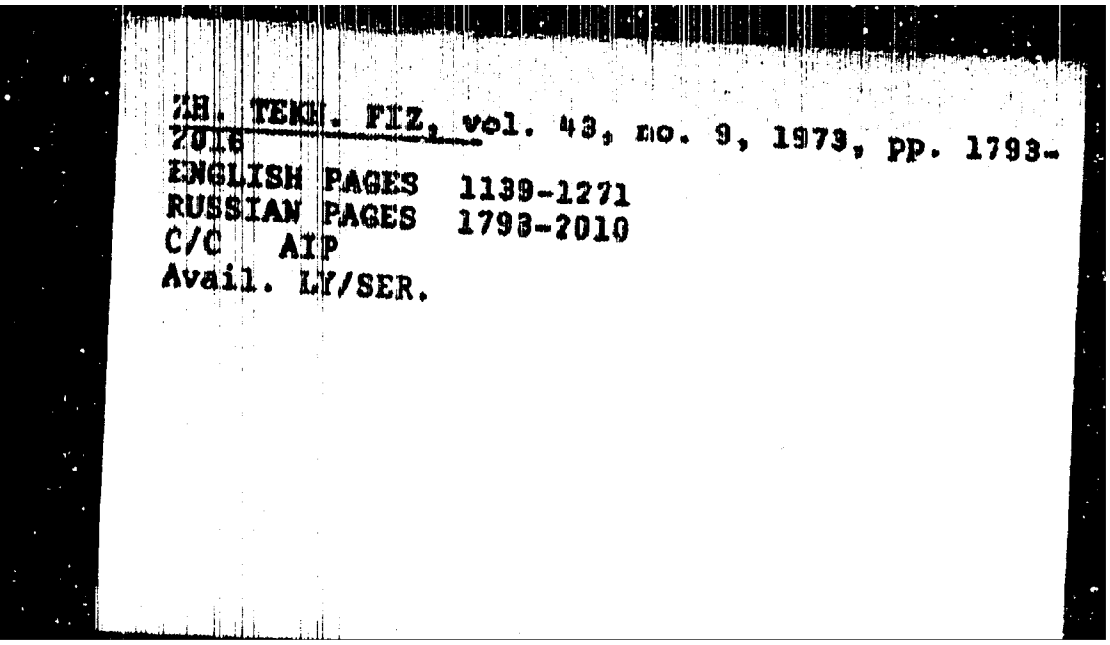
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Flyunto, A. A.

Acceleration of Ions by a Relativistic Electron Beam.
8 pp
ZHURNAL TEKHNICHESKOY FIZIKI, Moscow, Vol 43, No 8, 1973, pp 1627-1631.
JPRS 60651

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

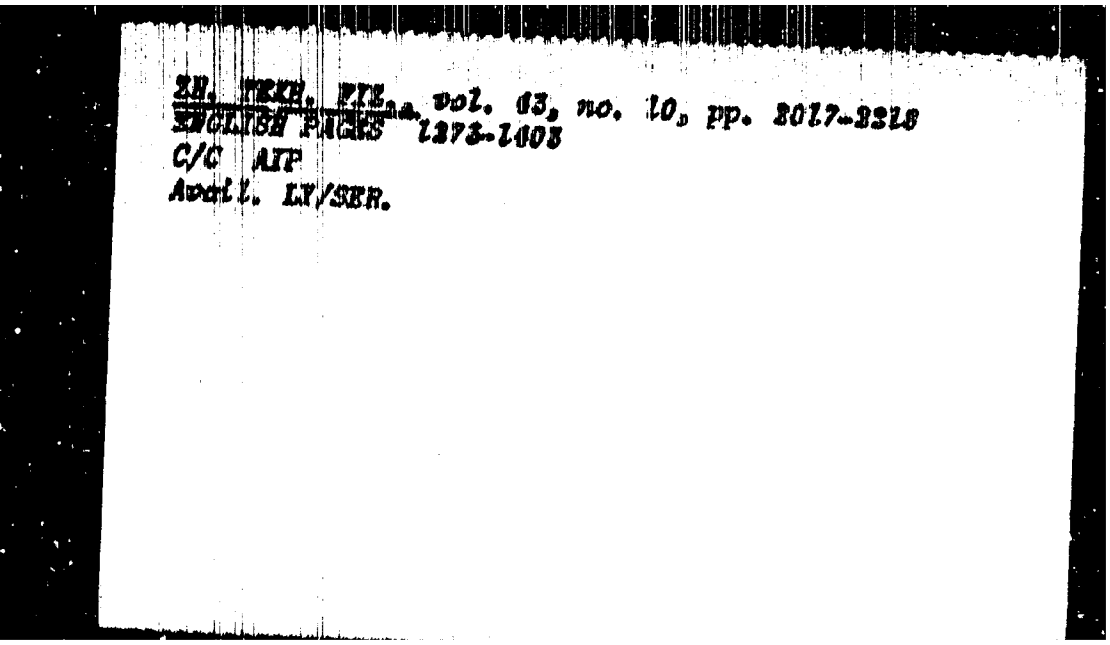
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



ZH. TEKH. FIZ, vol. 43, no. 9, 1973, pp. 1793-
2016
ENGLISH PAGES 1139-1271
RUSSIAN PAGES 1793-2010
C/C AIP
Avail. LY/SER.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

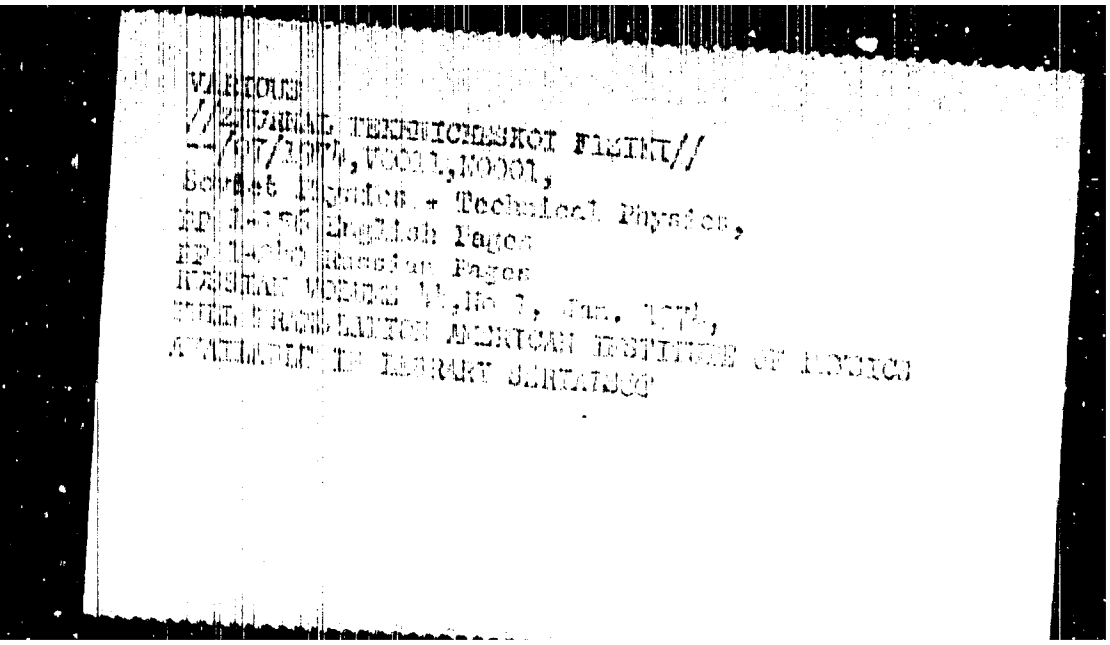
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



ZH. TEKH. FIZ., vol. 63, no. 10, pp. 3017-3218
ENGLISH PAGES 1373-1403
C/C AIP
Avail. LY/SER.

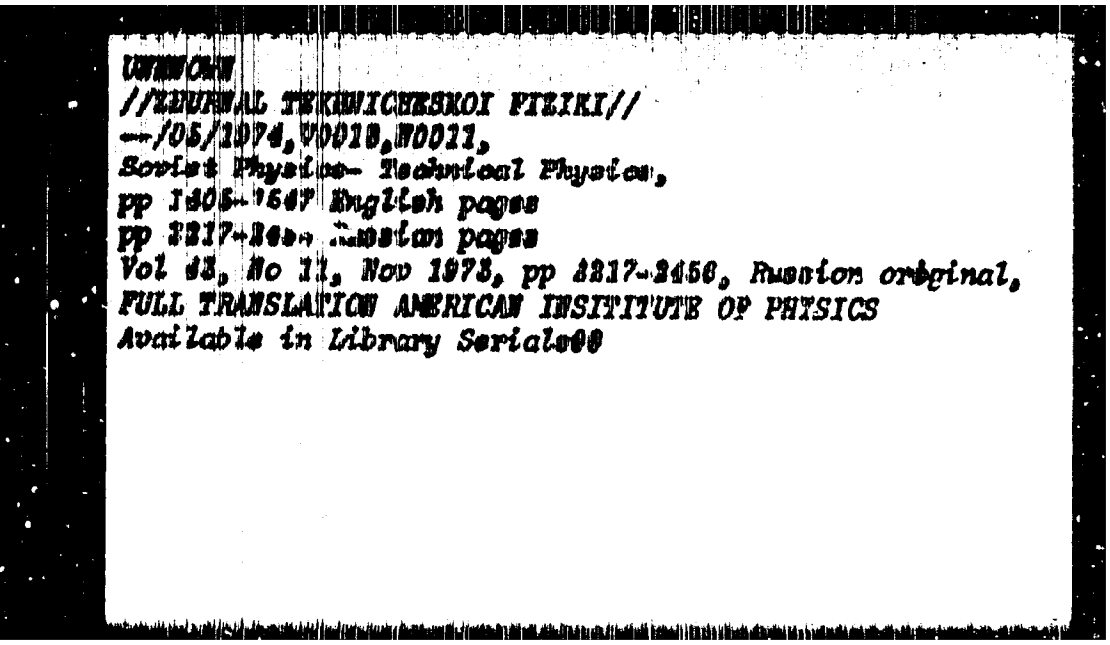
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

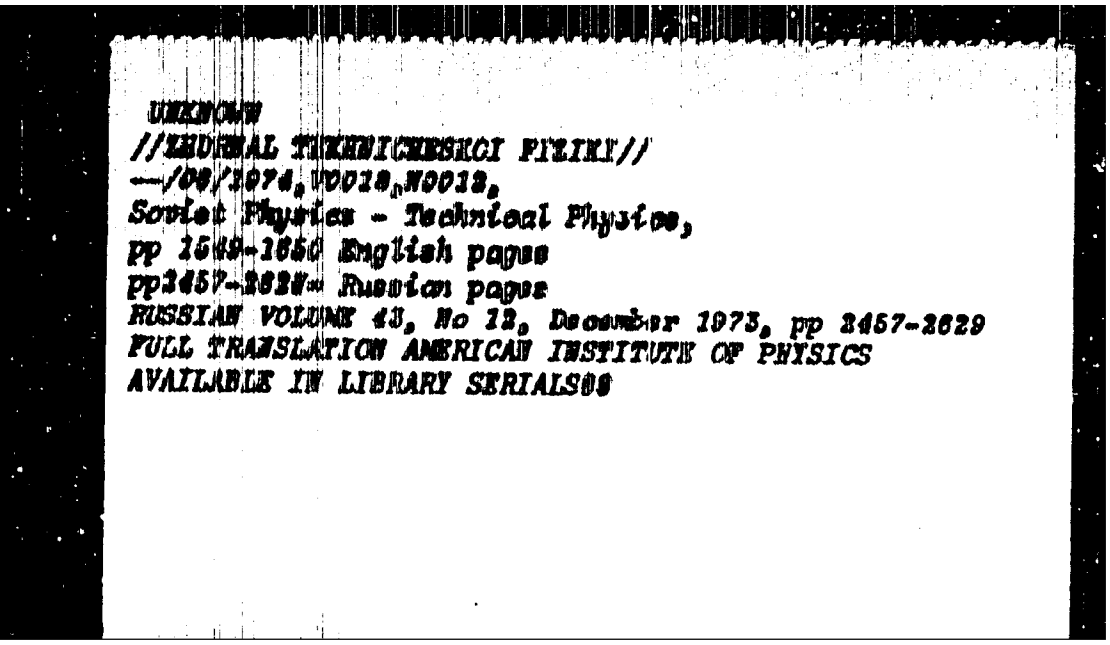
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



UNKNOWN
//ZHURNAL TEKHNICHESKOI FIZIKI//
--/05/1974,V0019,N0011,
Soviet Physics- Technical Physics,
pp 1505-1647 English pages
pp 2217-2456 Russian pages
Vol 43, No 11, Nov 1973, pp 2217-2456, Russian original,
FULL TRANSLATION AMERICAN INSTITUTE OF PHYSICS
Available in Library Serials00

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

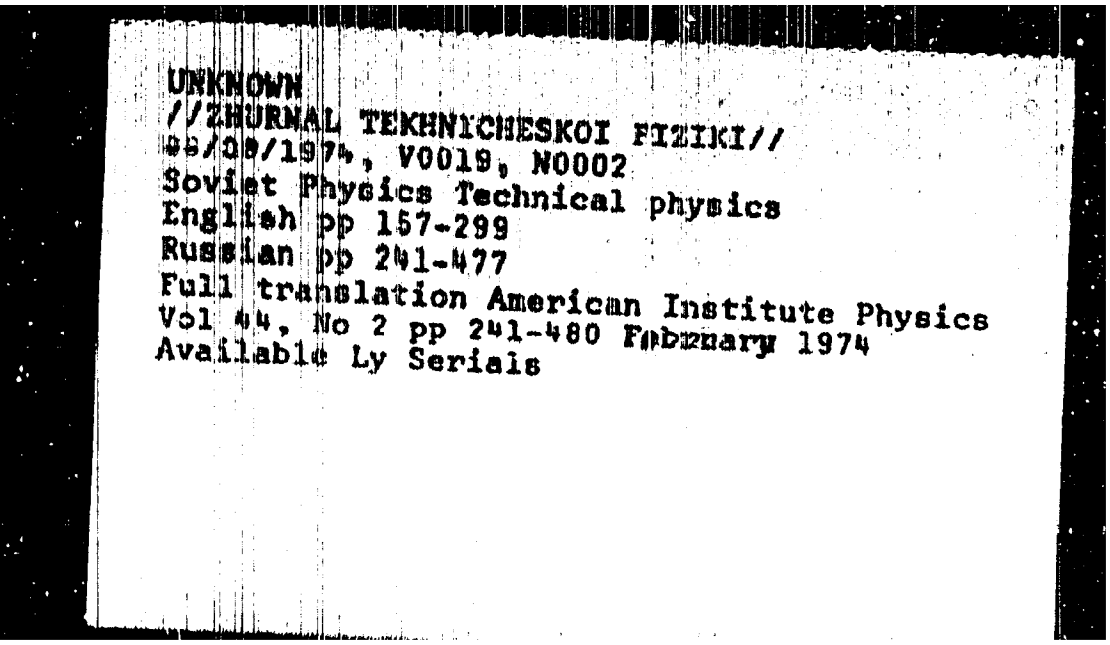
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



UNKNOWN
//ZHURNAL TEKHNICHESKOI FIZIKI//
---/--/1974,V0018,N0012,
Soviet Physics - Technical Physics,
pp 2648-2650 English pages
pp2457-2629 Russian pages
RUSSIAN VOLUME 43, No 12, December 1973, pp 2457-2629
FULL TRANSLATION AMERICAN INSTITUTE OF PHYSICS
AVAILABLE IN LIBRARY SERIALS80

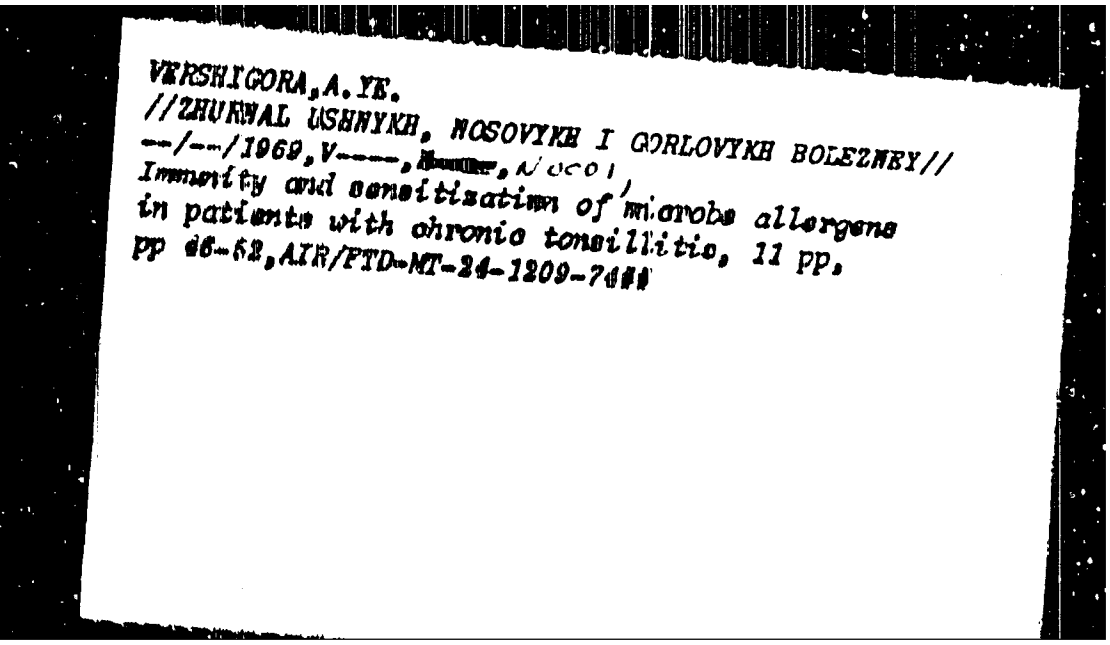
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

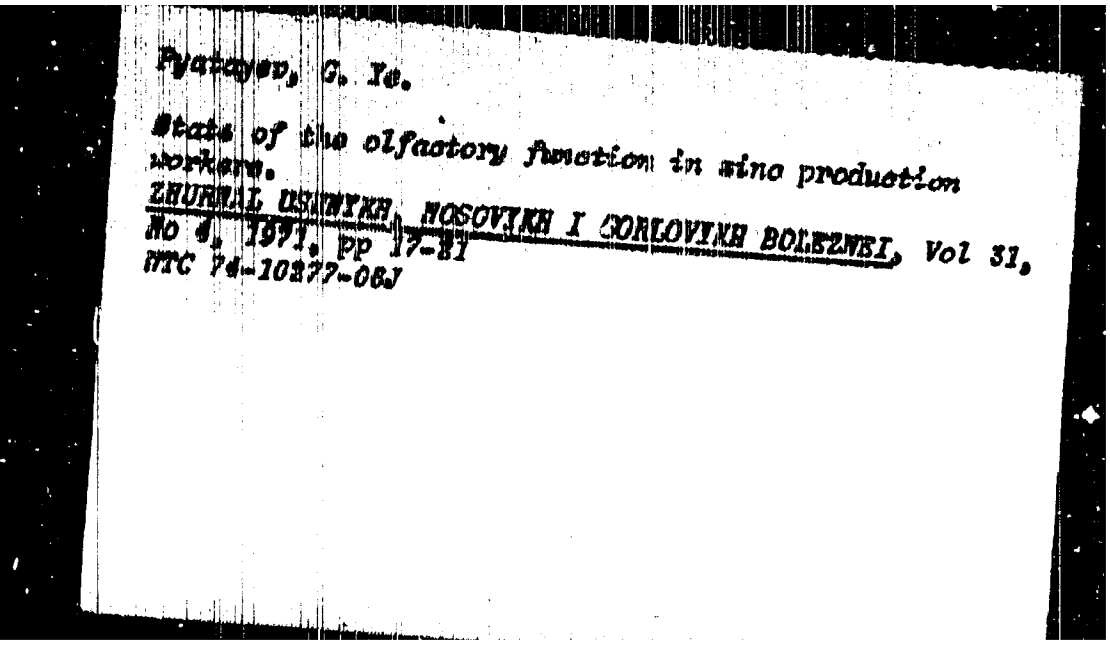
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



VERSHIGORA, A. YE.
//ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEY//
--/--/1969, V----, [illegible], N 0001,
Immunity and sensitization of microbe allergens
in patients with chronic tonsillitis, 11 pp,
pp 46-52, AIR/FTD-MT-24-1209-74##

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Pyatayev, G. Ye.

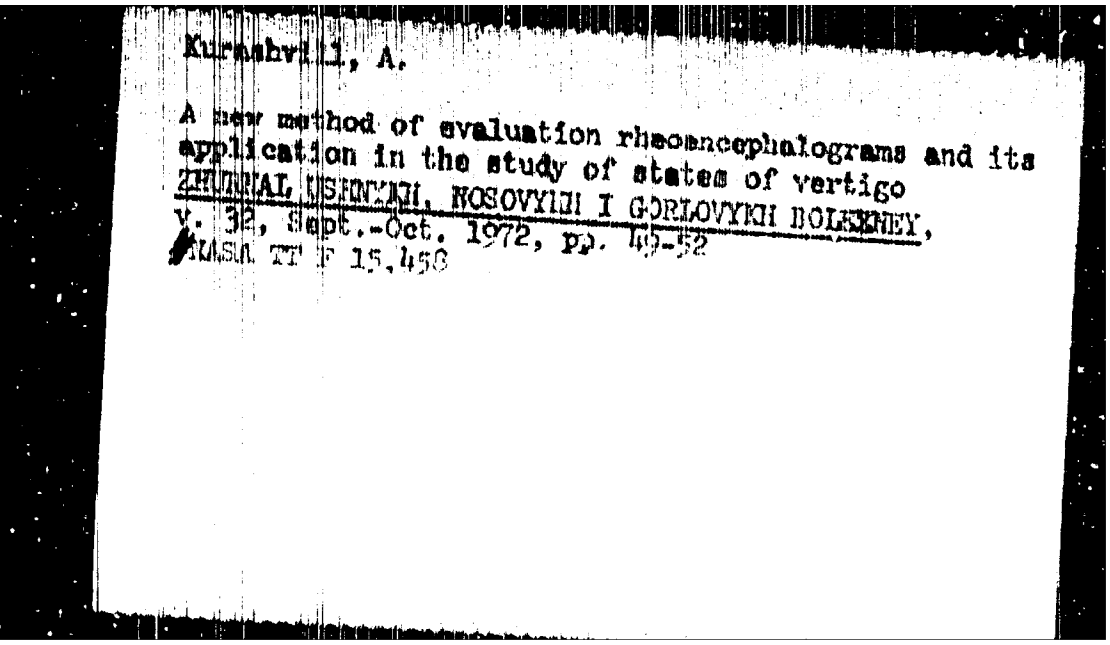
State of the olfactory function in wine production workers.

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI, Vol 31, No 4, 1971. pp 17-21

NTC Td-10277-06J

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

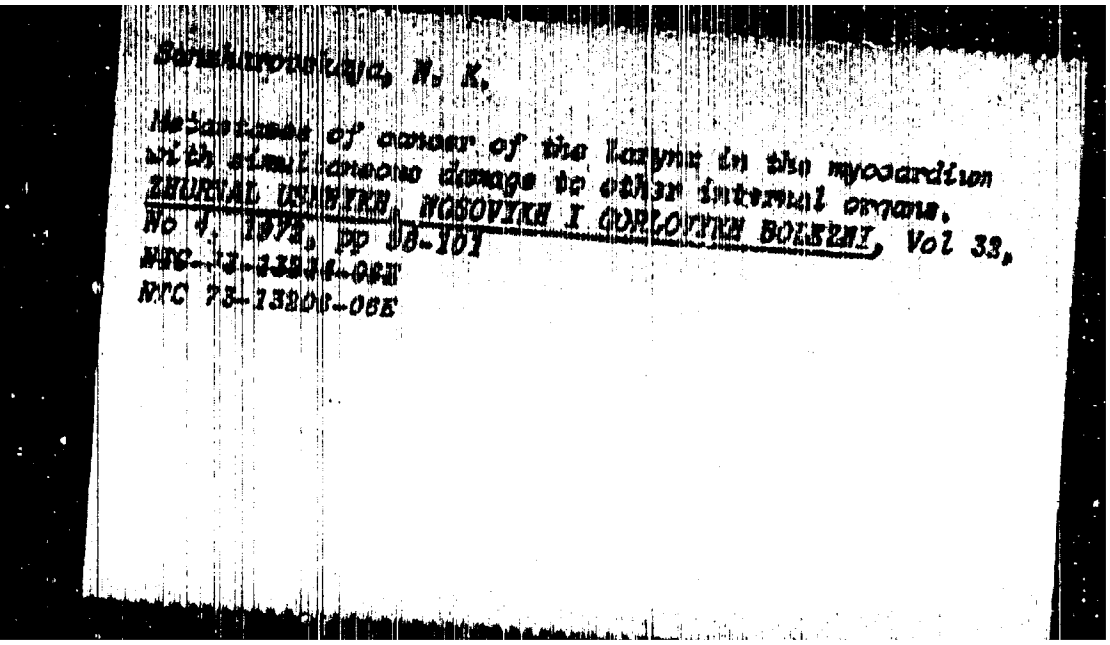


Kurnabvl I, A.

A new method of evaluation rheoencephalograms and its application in the study of states of vertigo
ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEY,
v. 32, Sept.-Oct. 1972, pp. 49-52
RUSS TT F 15,458

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Serebrovskaya, N. K.

Mechanism of cancer of the larynx in the myocardium with small foreign damage by certain internal organs.

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNI, Vol 33, No 4, 1973, pp 98-101

NYC-73-13304-06E

NYC 73-13303-06E

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Makin, S.M.

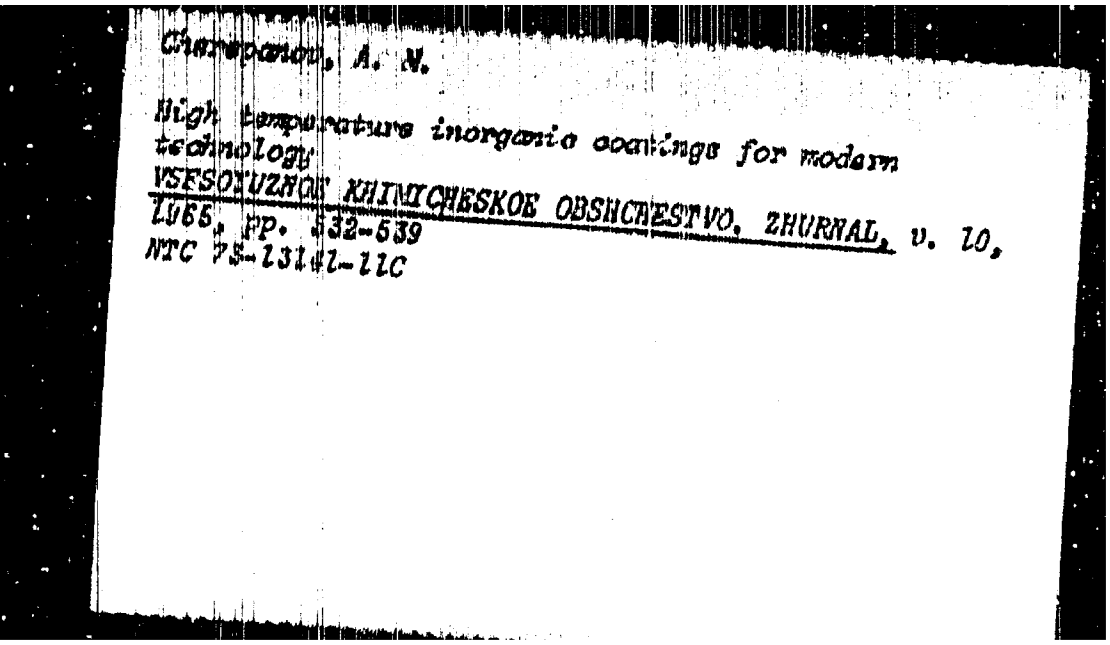
Condensation of Vinyl Alkyl Ethers with Functionally Substituted Acetals 6 pp

ZHUR. VES. KHIM OBSHCHESTVA IM D.I.MENDELEYEVA
Vol 10, No 1, 1965, pp 114-116

NTIS-TT-72-51089
AVAILABLE LY/SER

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Cherepanov, A. N.

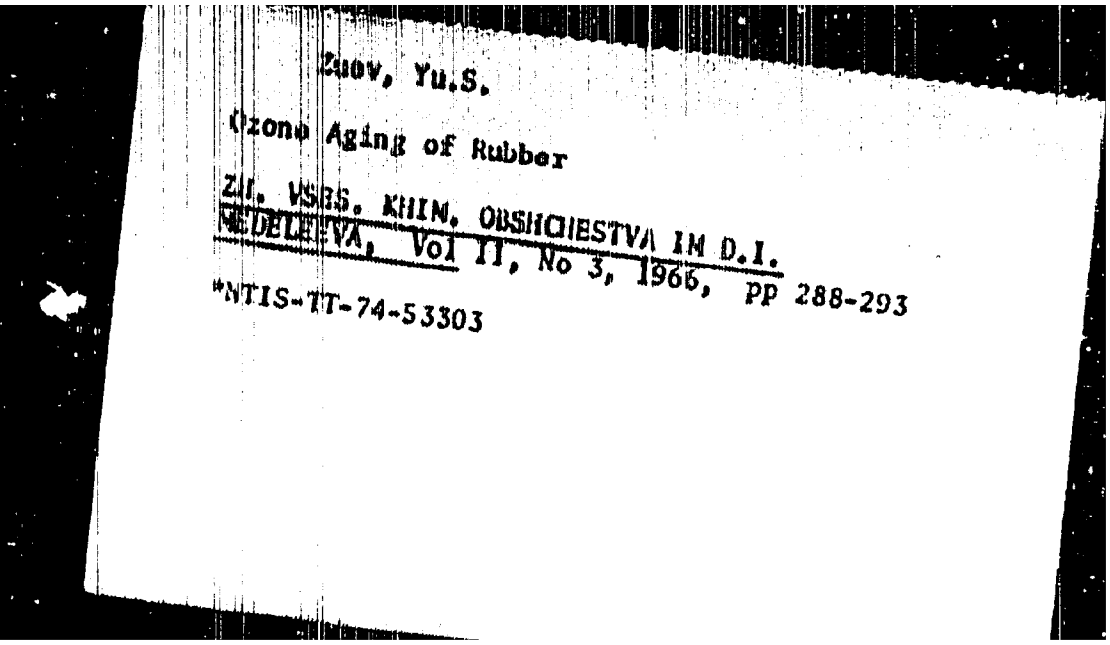
High temperature inorganic coatings for modern technology

VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO, ZHURNAL, v. 10, 1965, pp. 532-539

NTC 75-13142-11C

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Zuev, Yu.S.

Ozone Aging of Rubber

ZH. VSES. KHIM. OBSHCHESTVA IM D.I. MENDELEYEVA, Vol 11, No 3, 1966, PP 288-293

*NTIS-TT-74-53303

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Gorlovskii, S.

Surface-active substances as flotation agents.

VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO. ZHURNAL, v. II, n. 4, p. 422-426, 1966

TC-12520

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

REACTION PRODUCTS OF CERTAIN DERIVATIVES OF D
IFLUOROPHOSPHORIC ACID WITH AMINES

DROZD, G., ETAL LANGUAGE-RU COUNTRY-UR

ZHUR. VSESOYUZ. KHIM. OBSHCHEST. IM. MENDEL.,
XIV/#5, 1969, 592-593.

FSTC-HT-23-0062-74

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

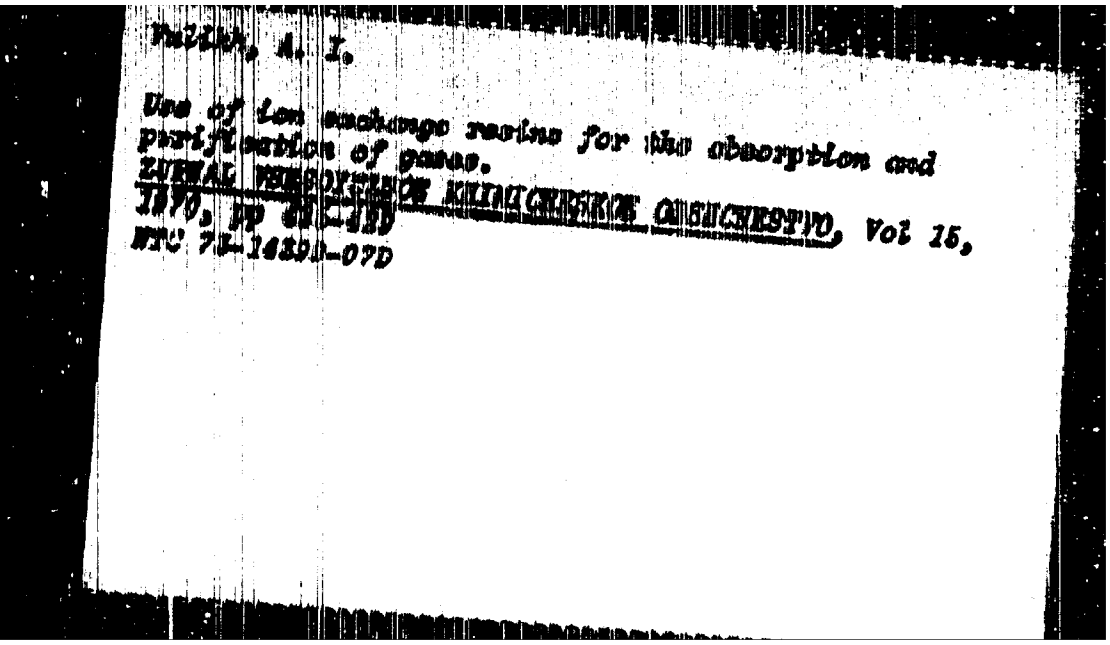
A. N. Popov

Use of ampholytes in the recovery and separation of metals.
ZHURNAL VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO, Vol 15, No 4, 1970, pp 414-419
ATS 80A130R

may 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Pulido, A. I.

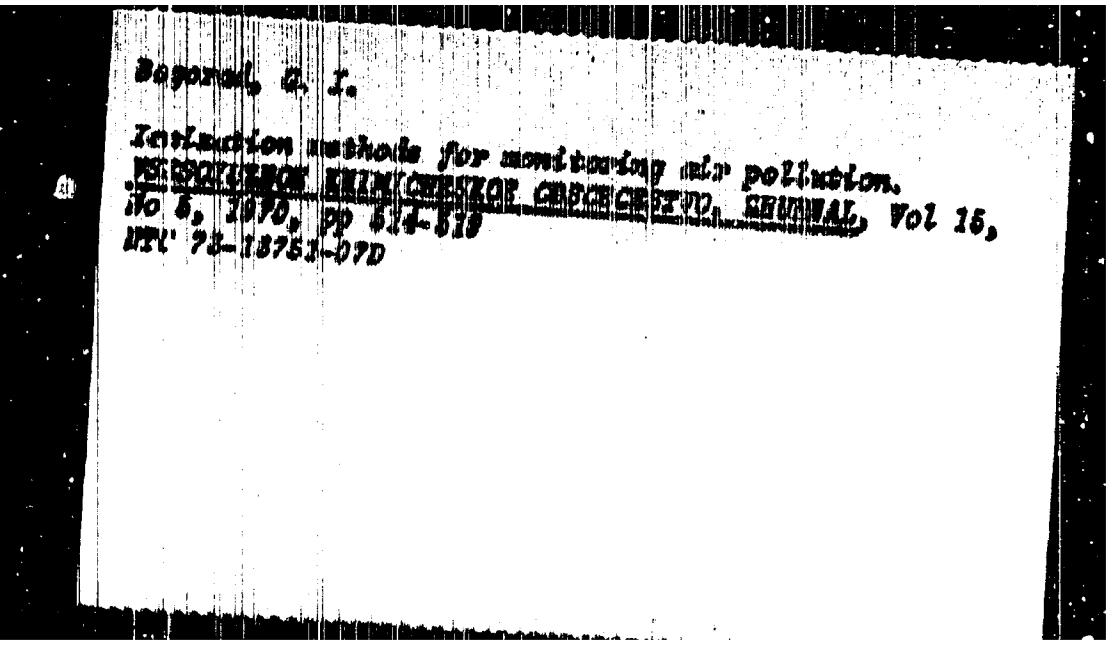
Use of ion exchange resins for the absorption and purification of gases.

ANALYTICAL METHODS IN ATMOSPHERIC CHEMISTRY, Vol 15, 1970, pp 61-[illegible]

NTC 71-14291-07D

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Bogorad, G. I.

Ionization methods for monitoring air pollution.

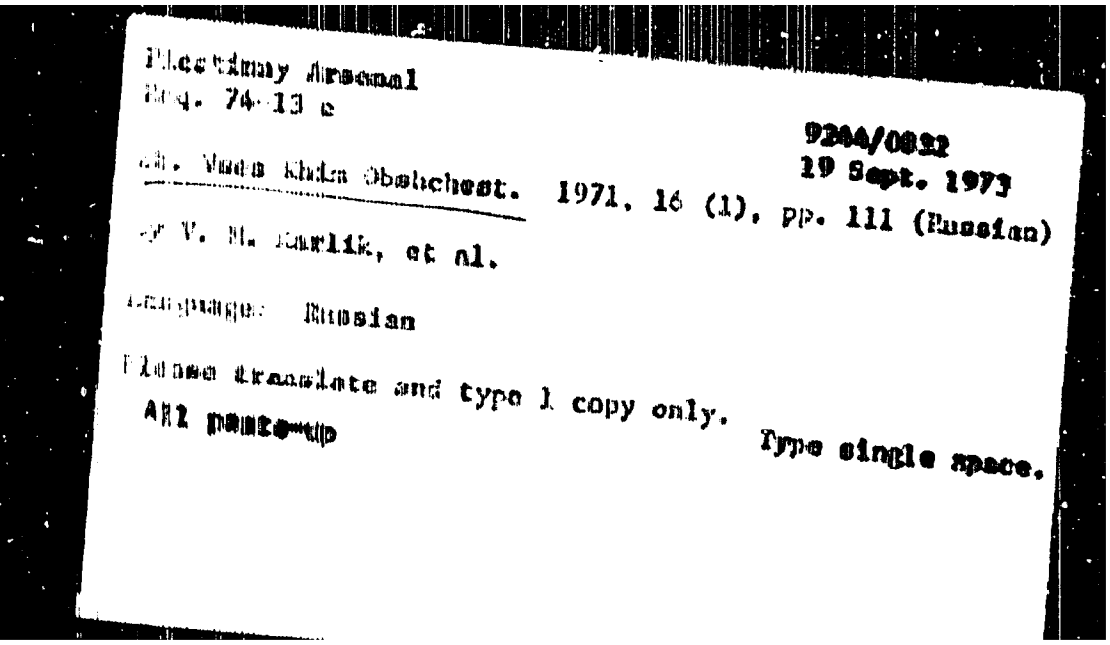
[redacted] Vol 16,

No 6, 1970, pp 614-619

NTL' 72-13751-07D

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6



Electrimy Arsenal
Rpt. 74-13 e

9204/0822
19 Sept. 1973

Zh. Vses Khim Obshchest. 1971, 16 (1), pp. 111 (Russian)

V. M. Zaritk, et al.

Russian

Please translate and type 1 copy only.
All punctuation

Type single space.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Planetary Annual
Req. 76-13 F

0244/0033
19 Sept. 1973

Zh. Vses. Khim. Obshchest. 1971, 16 (1), pp. 116 (Russ.) & 117.

by: V. M. Emrlik, et al.

Language: Russian

Please translate & type 1 copy only. Type single space.
All paste-up

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

Berezin, I.V.

Kinetics and Thermodynamics of Enzymatic Catalysis.

ZH. VSES. KHIM. OBSHCHEST. D. I. M. Vol.16, No. 4, pp.411-20, 1971.

A.T.S RJ-5819

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6

TAL'ROZE, V.L.
//ZHURNAL VSESOYUZNOGO KHIMICHESKOGO OBSH-
CHESTVA IM. D.I. MENDELEYEVA//
--/--/1973,V0018,N0001,
Chemical action of laser radiation,
PP 15-33,AIR/FTD-MT-24-500-74@

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100260049-6